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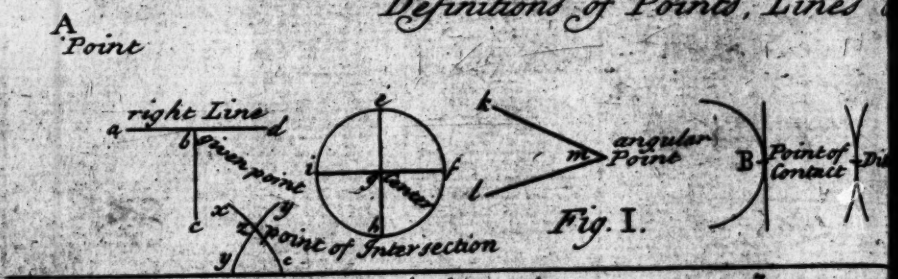

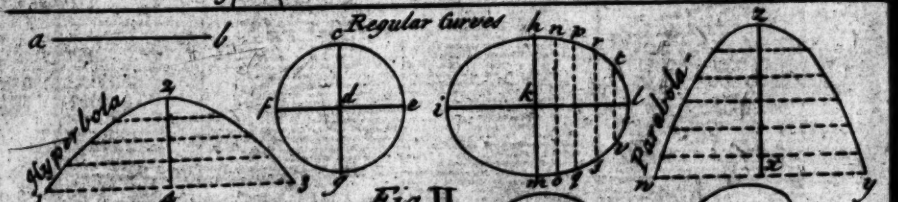

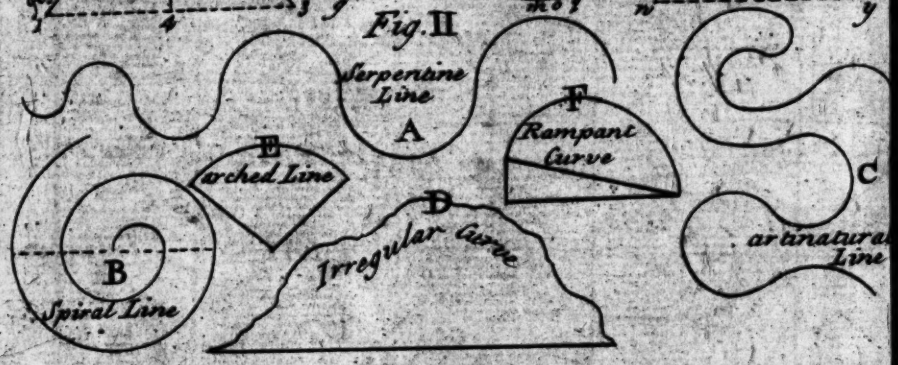

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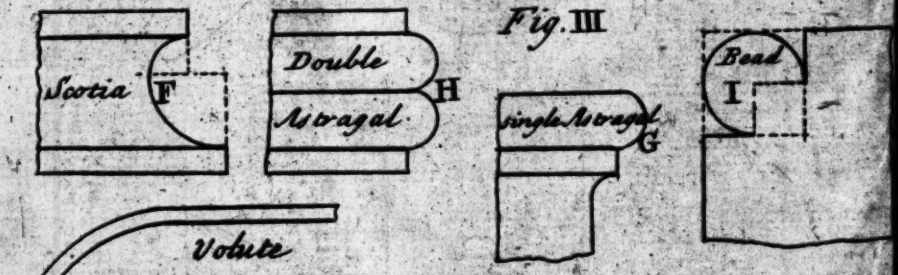

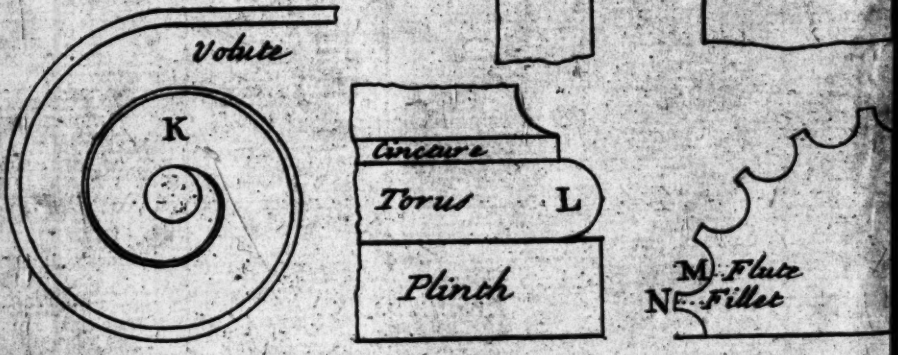

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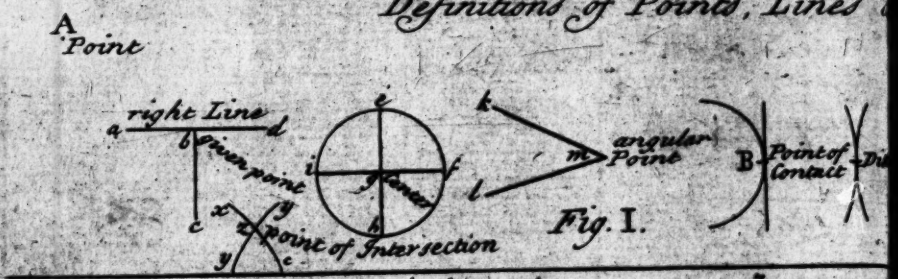
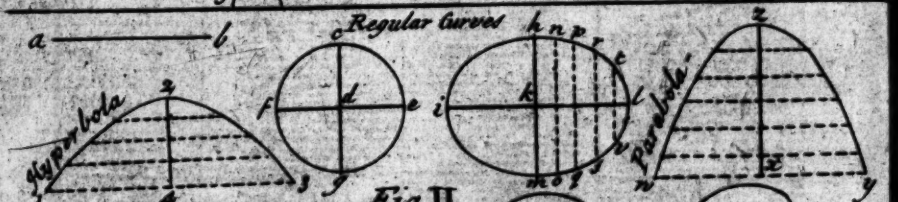
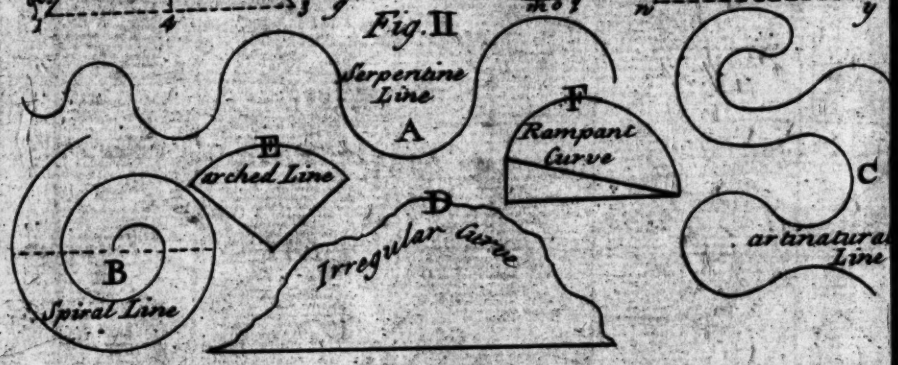
Definitions of Points, Lines







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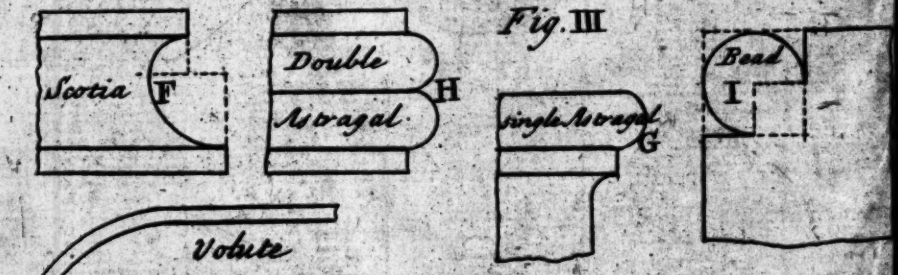

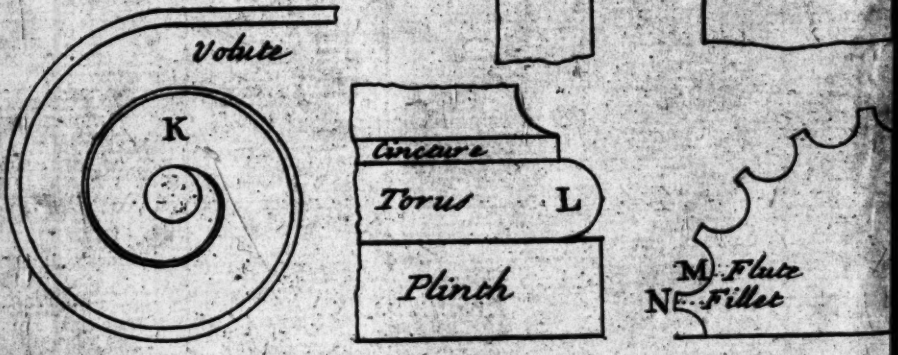

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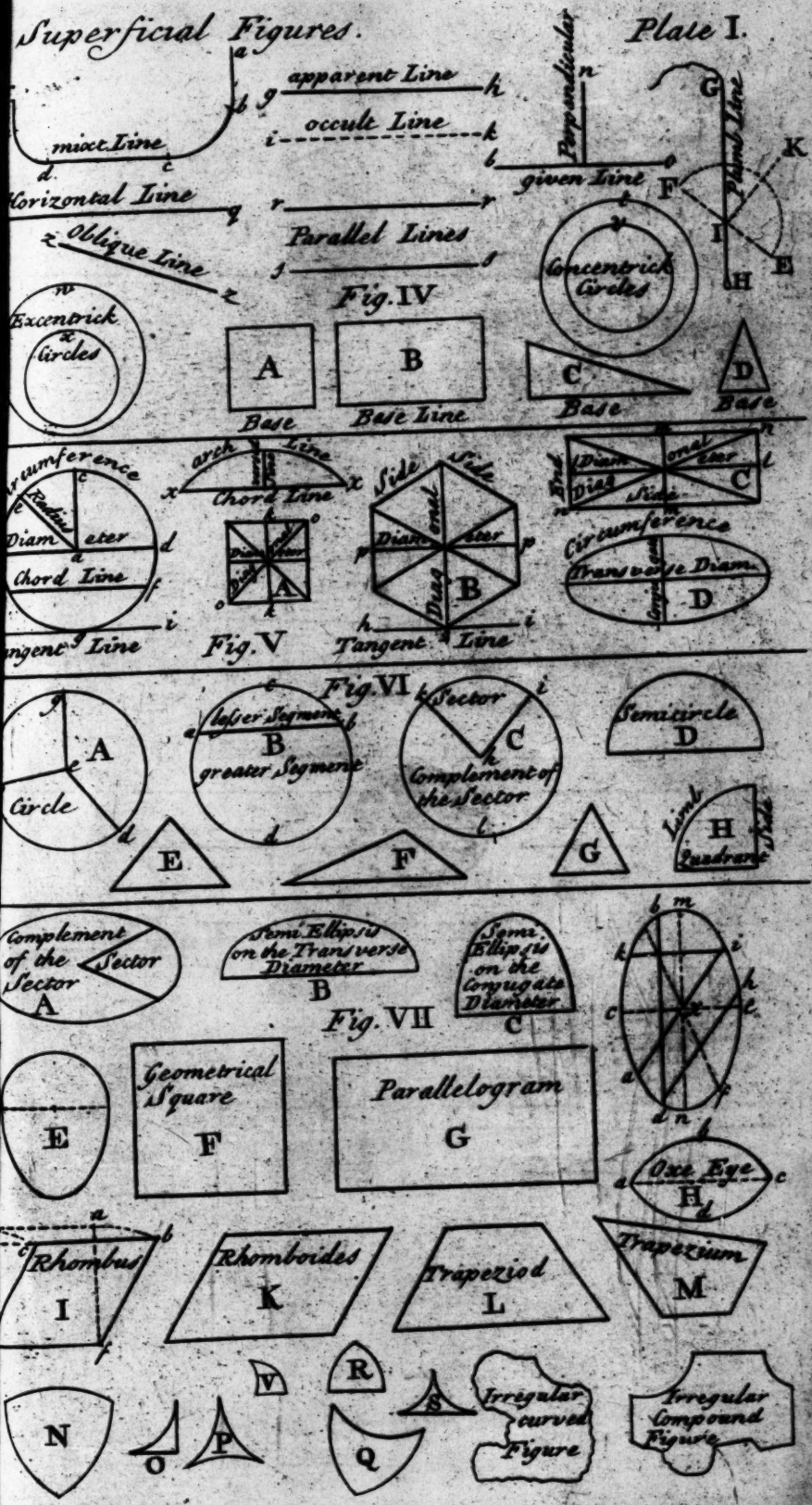
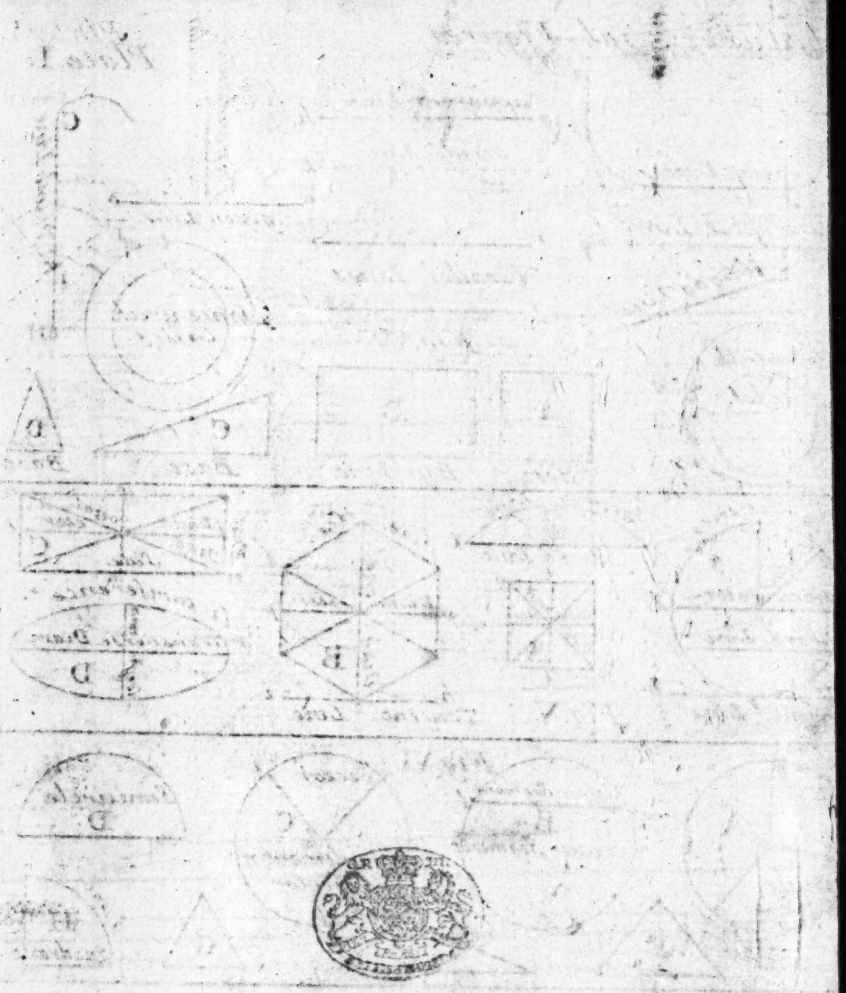
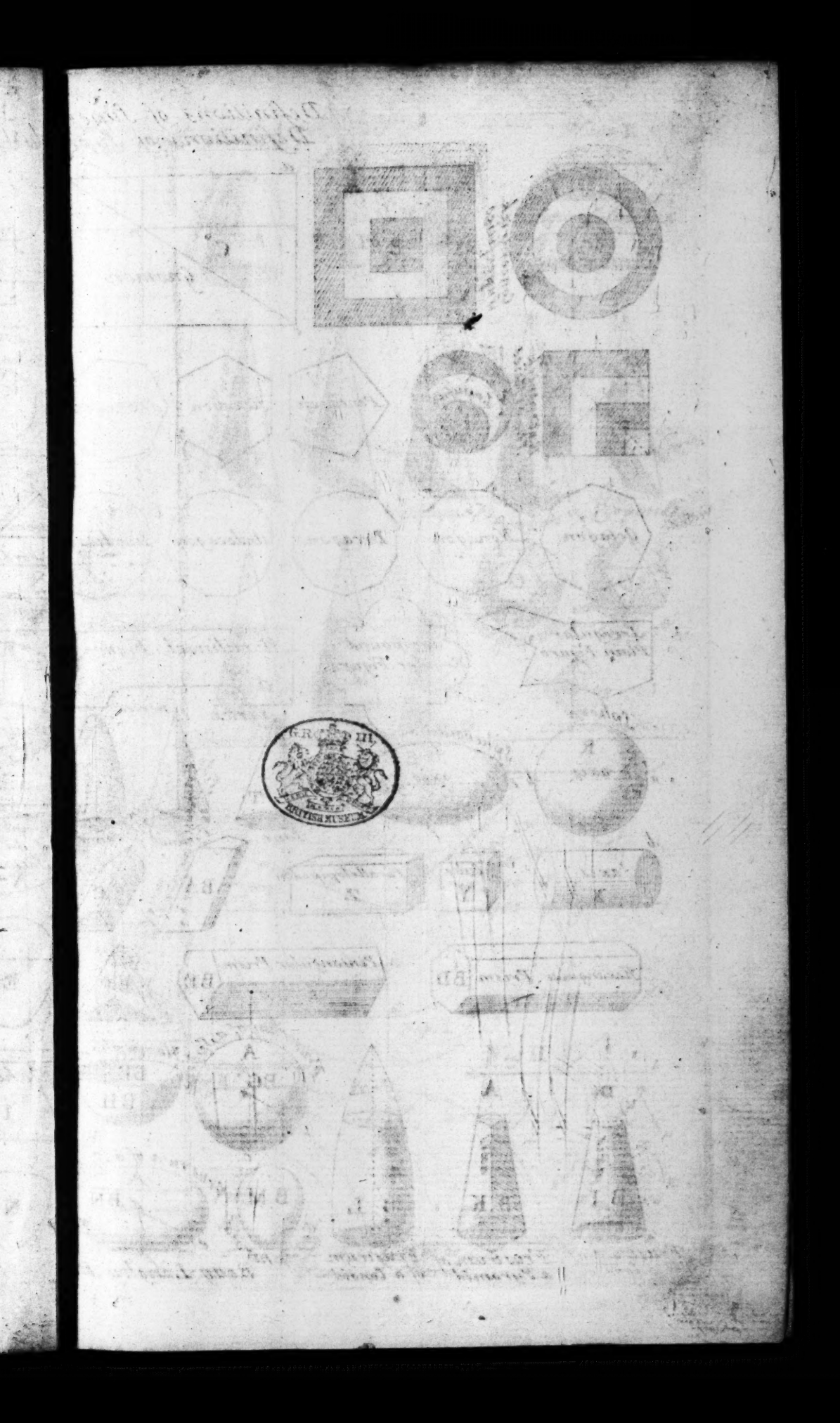
Superficial Figures.

Plate I.







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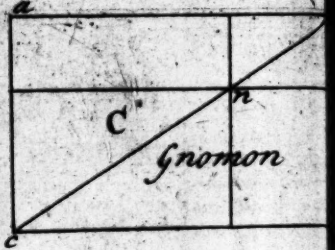

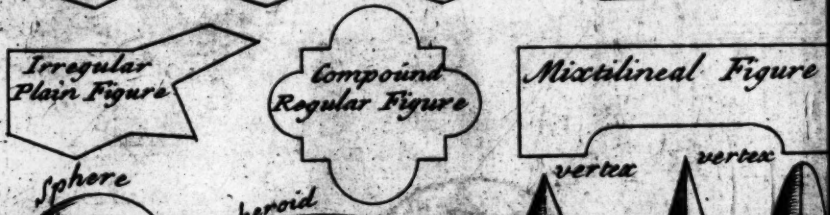

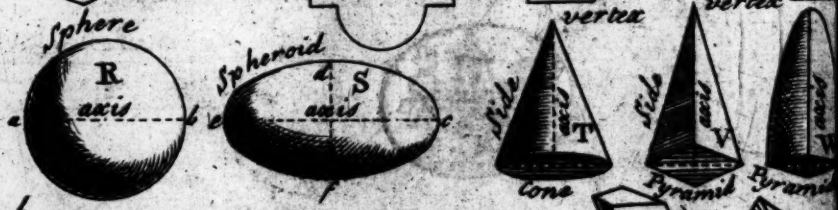

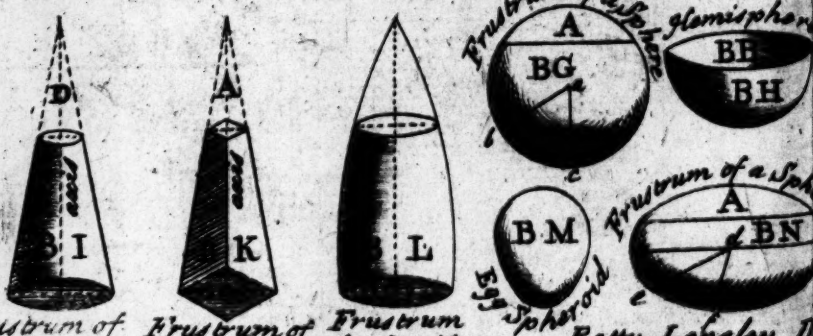

Frustrum of a Cone — Frustrum of a Pyramid — Frustrum of a Conoid

Batty Langley Del

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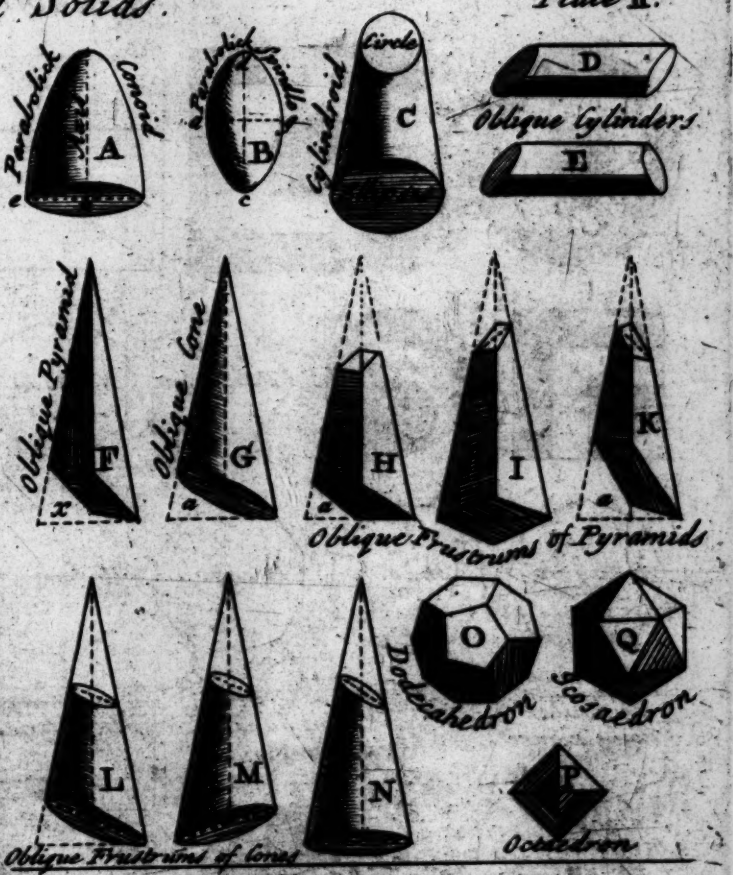

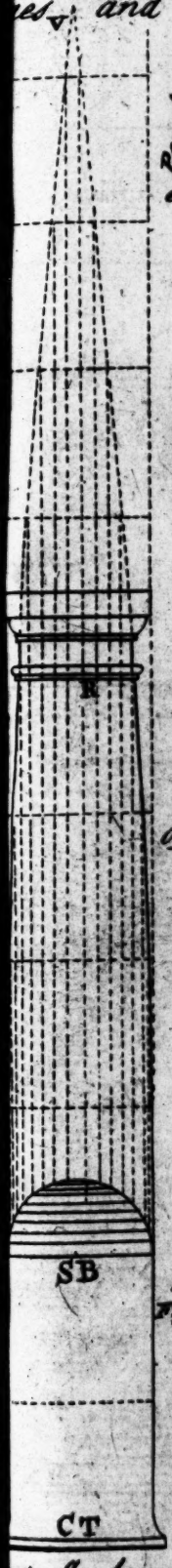

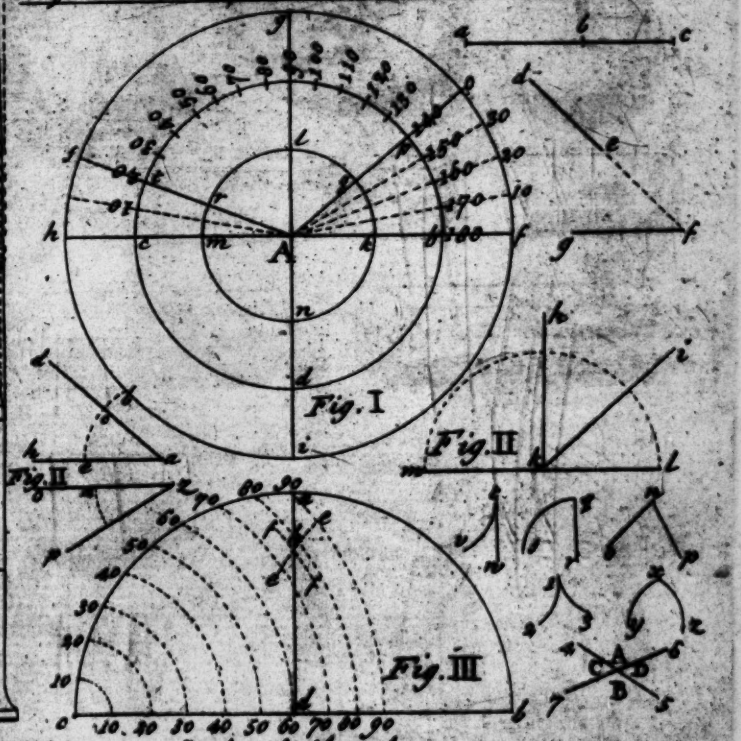

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Description of Lines.

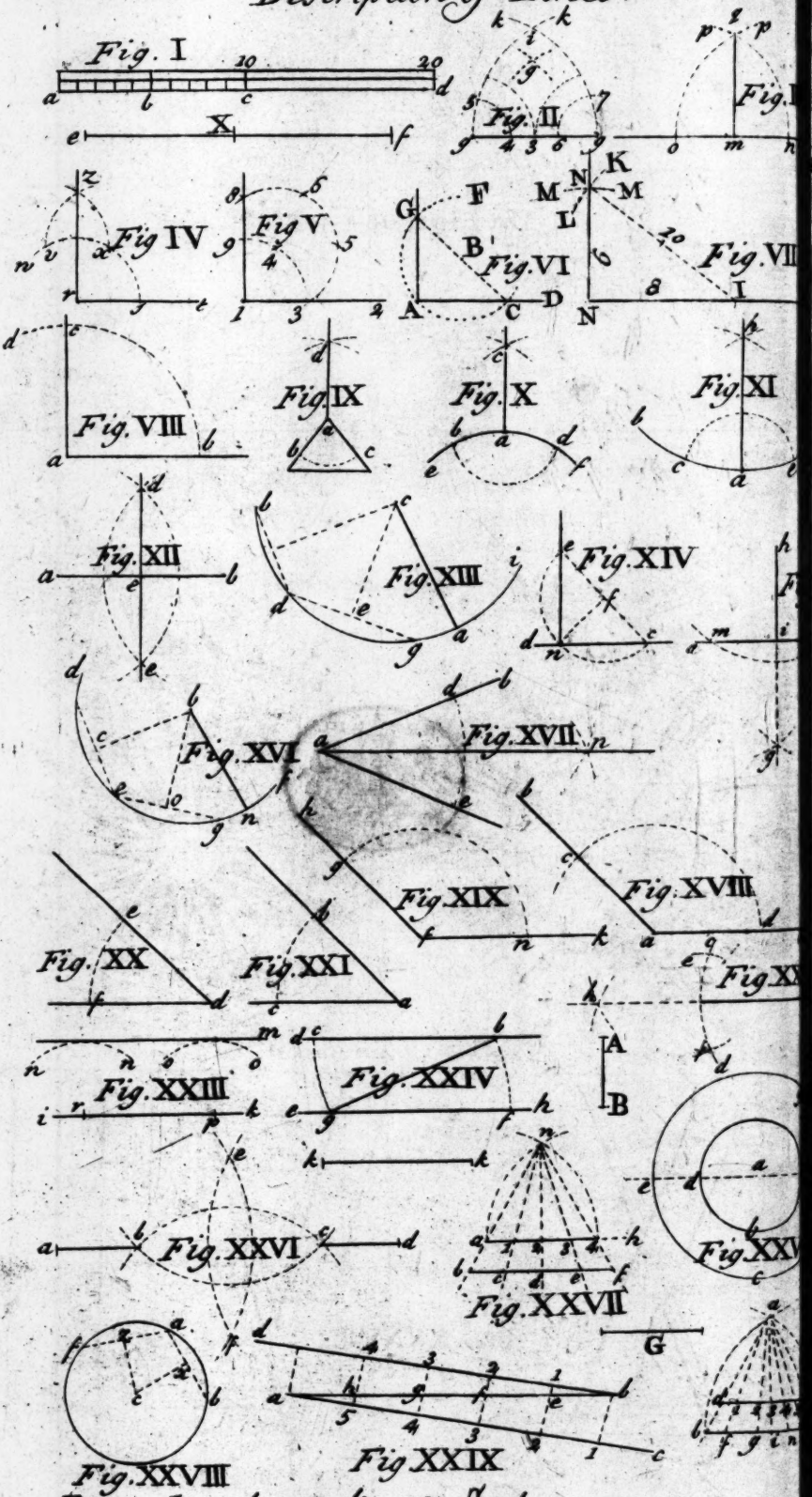

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Plate III

Fig. XXX

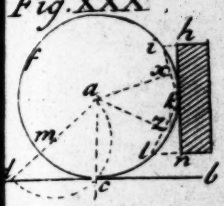


Fig. XXXI

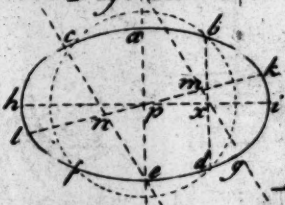


Fig. XXXII

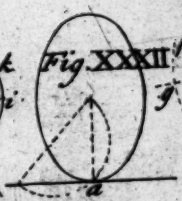
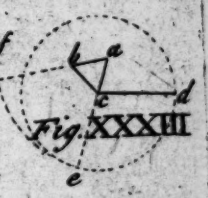


Fig. XXXIII



Division of Circles

Degrees in a Circle

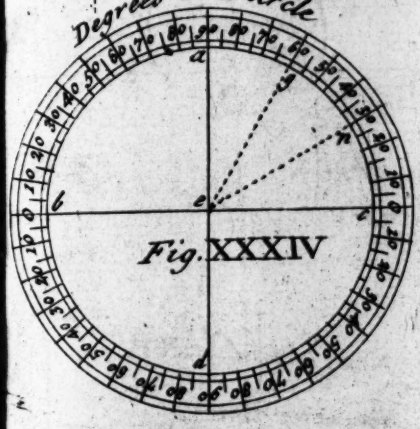


Fig. XXXIV

Minutes in an Hour

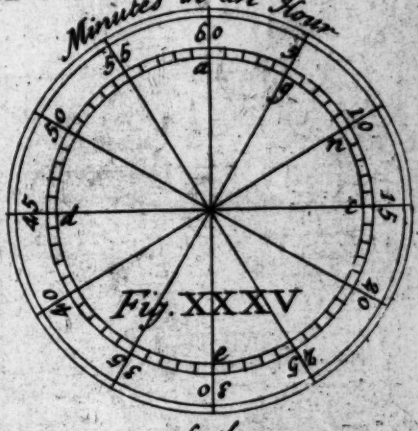


Fig. XXXV

Hours

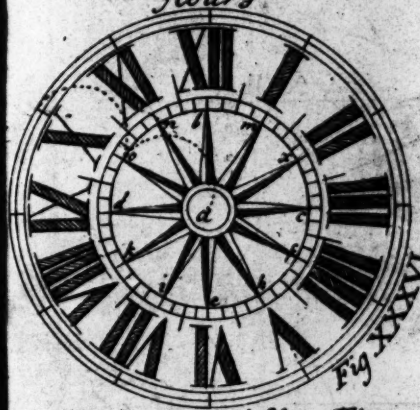


Fig. XXXVI

Points of the Compass

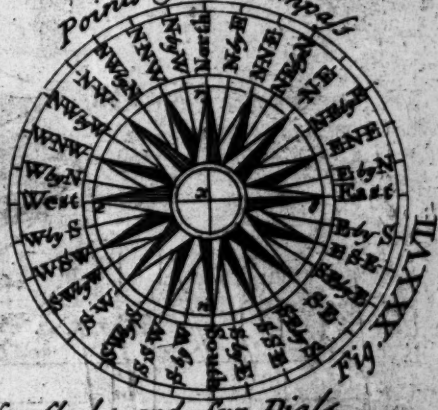
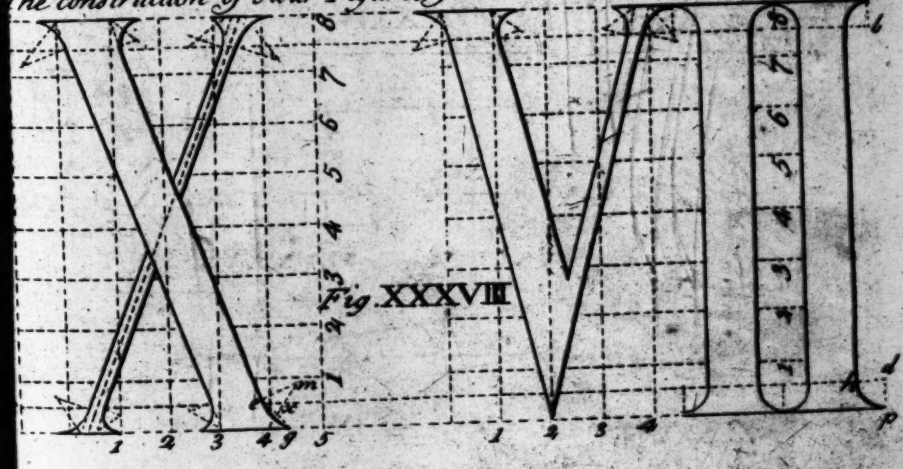


Fig. XXXVII

The construction of Hour Figures for Clocks and Sun Dials



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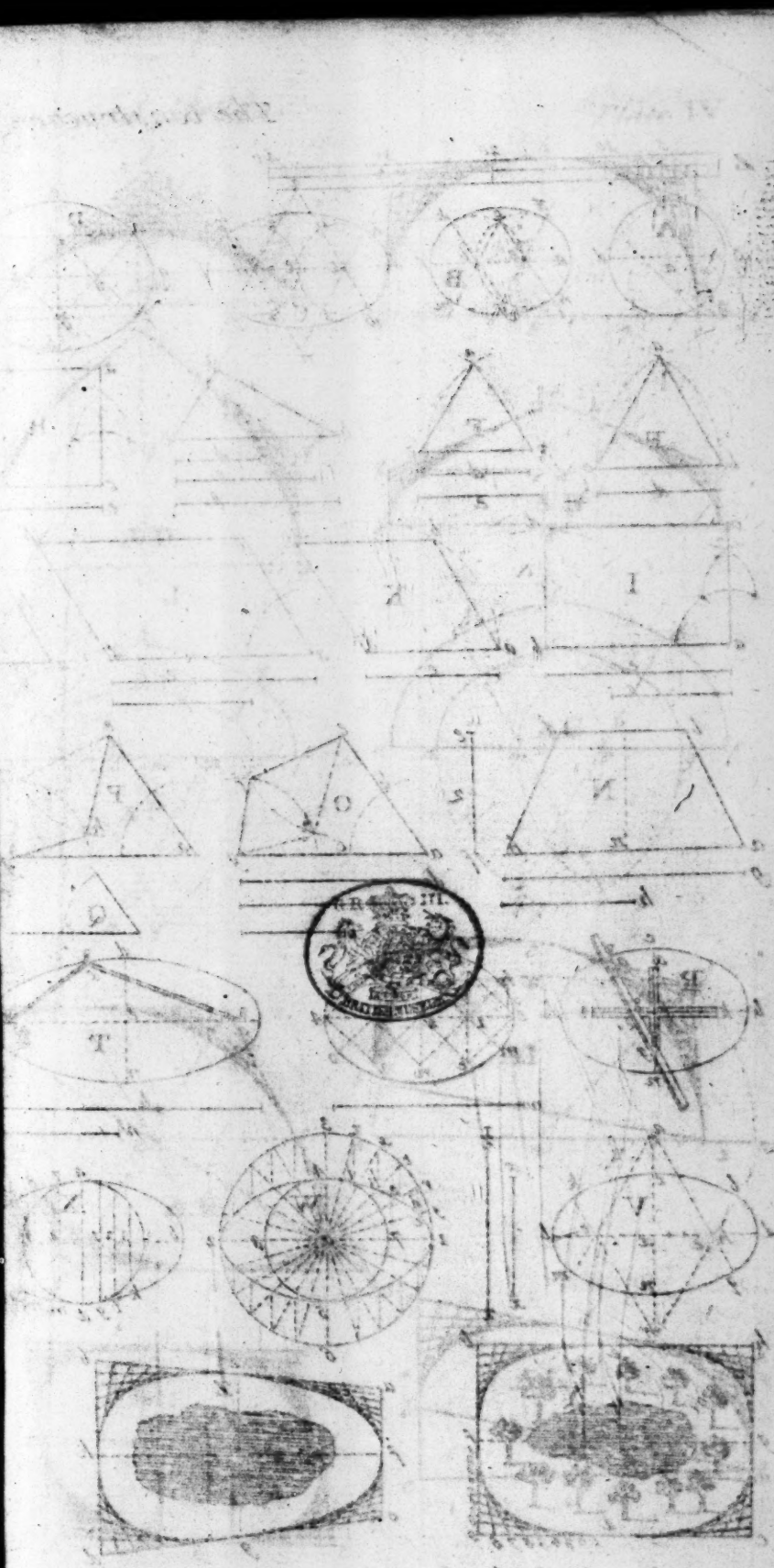

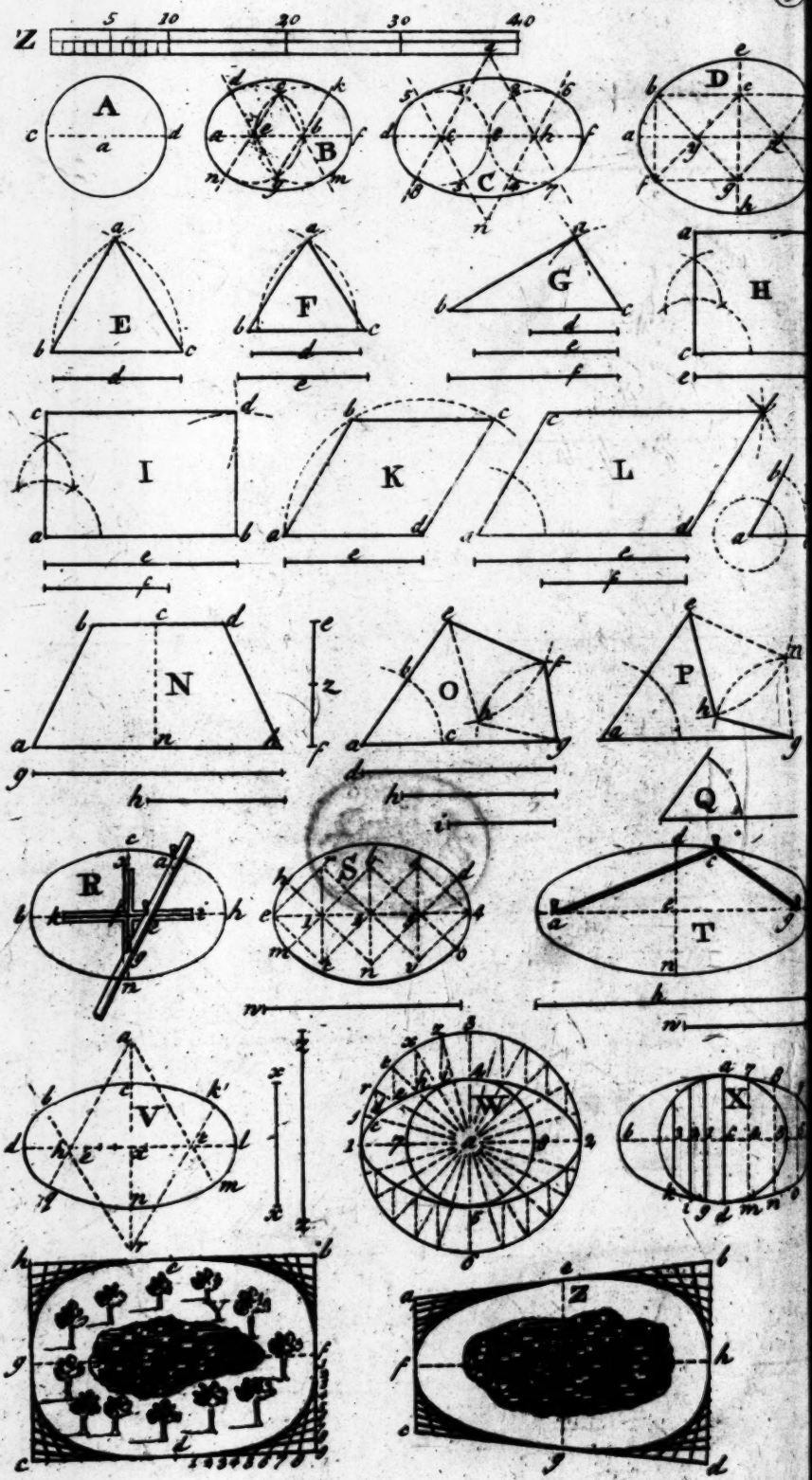

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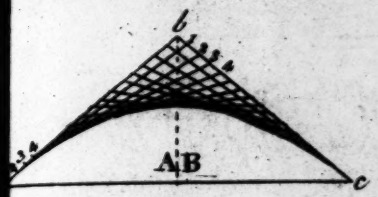
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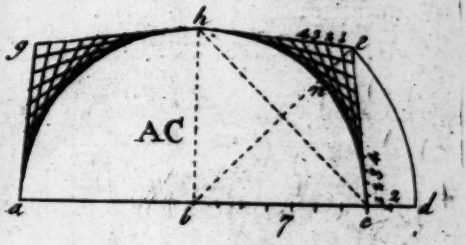
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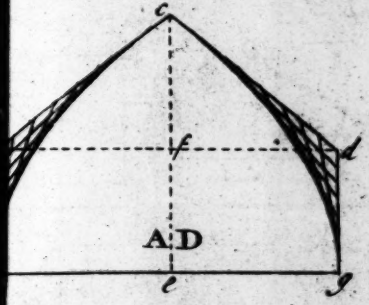
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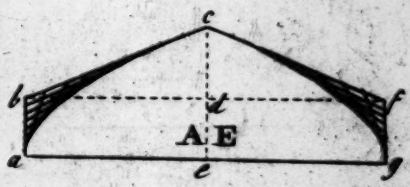
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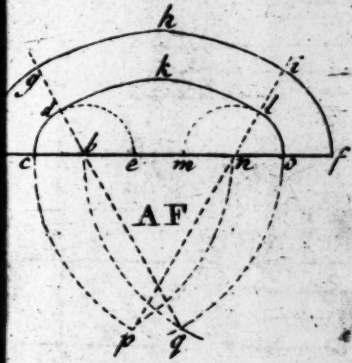
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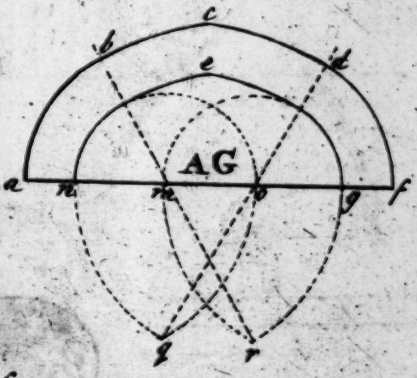
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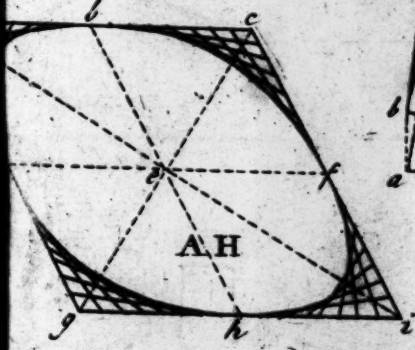
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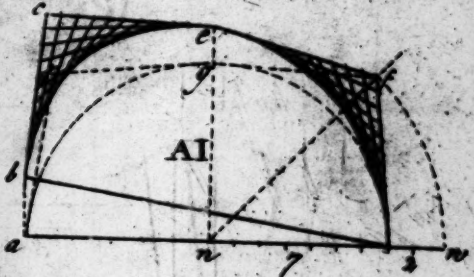
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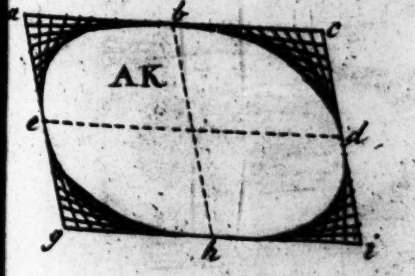
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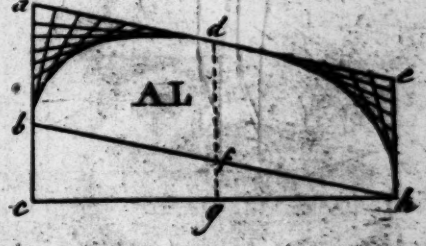
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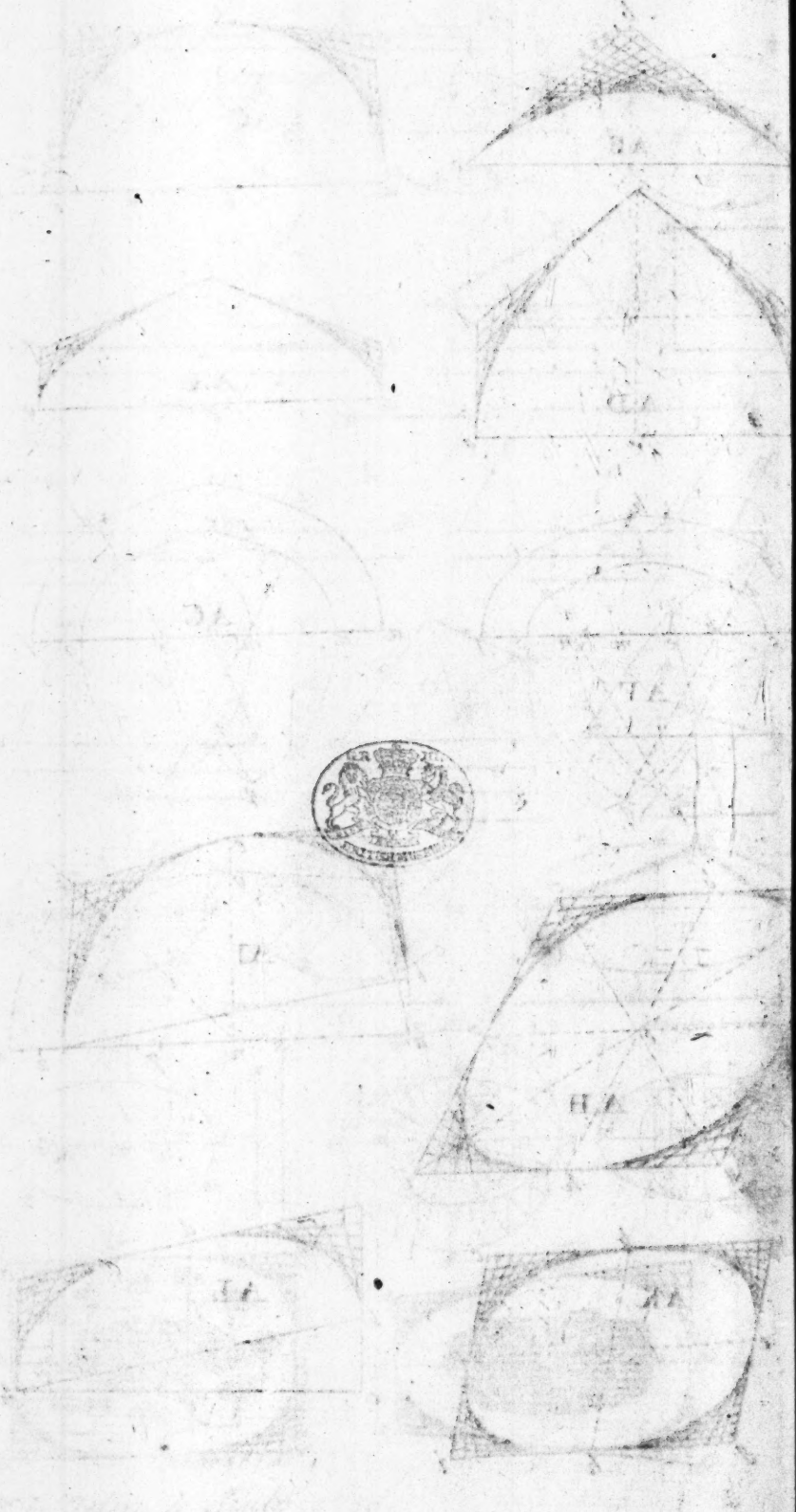

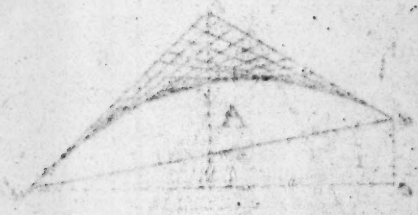

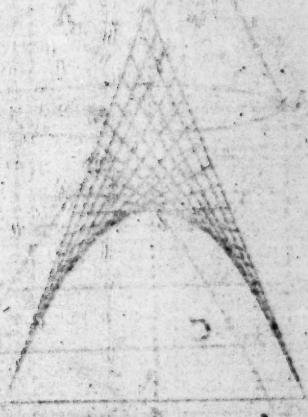

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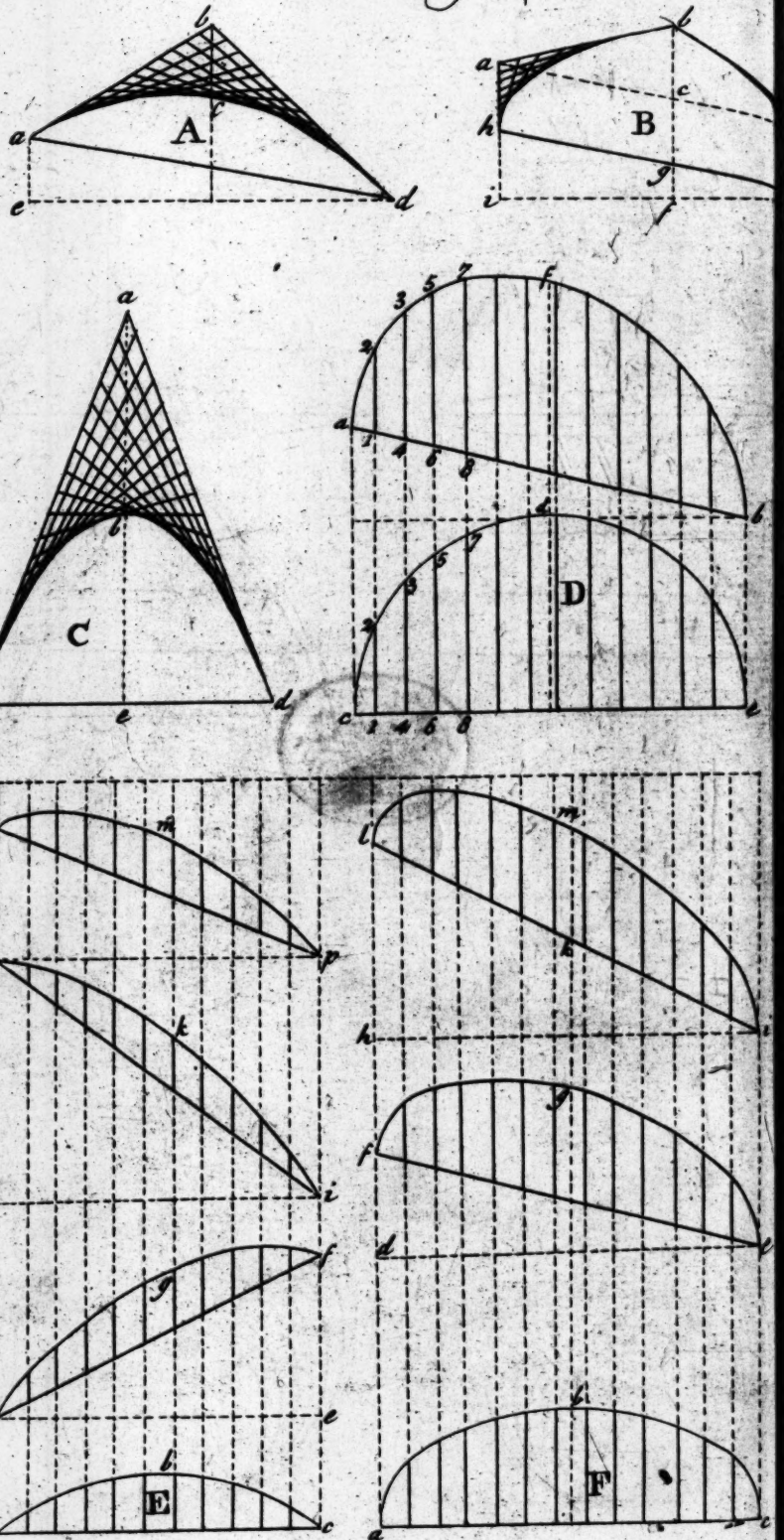
The construction of Arches, Parabo and



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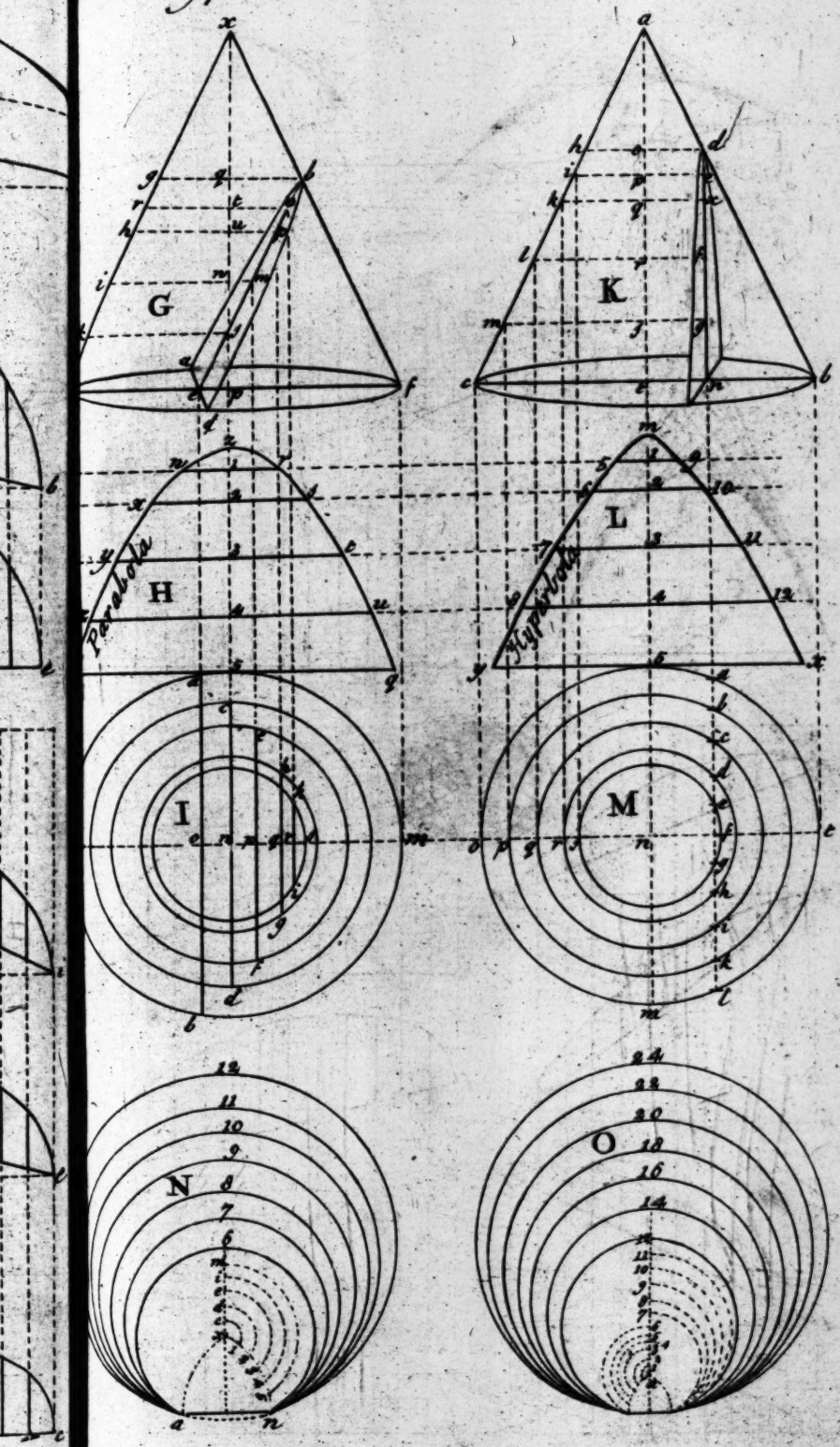
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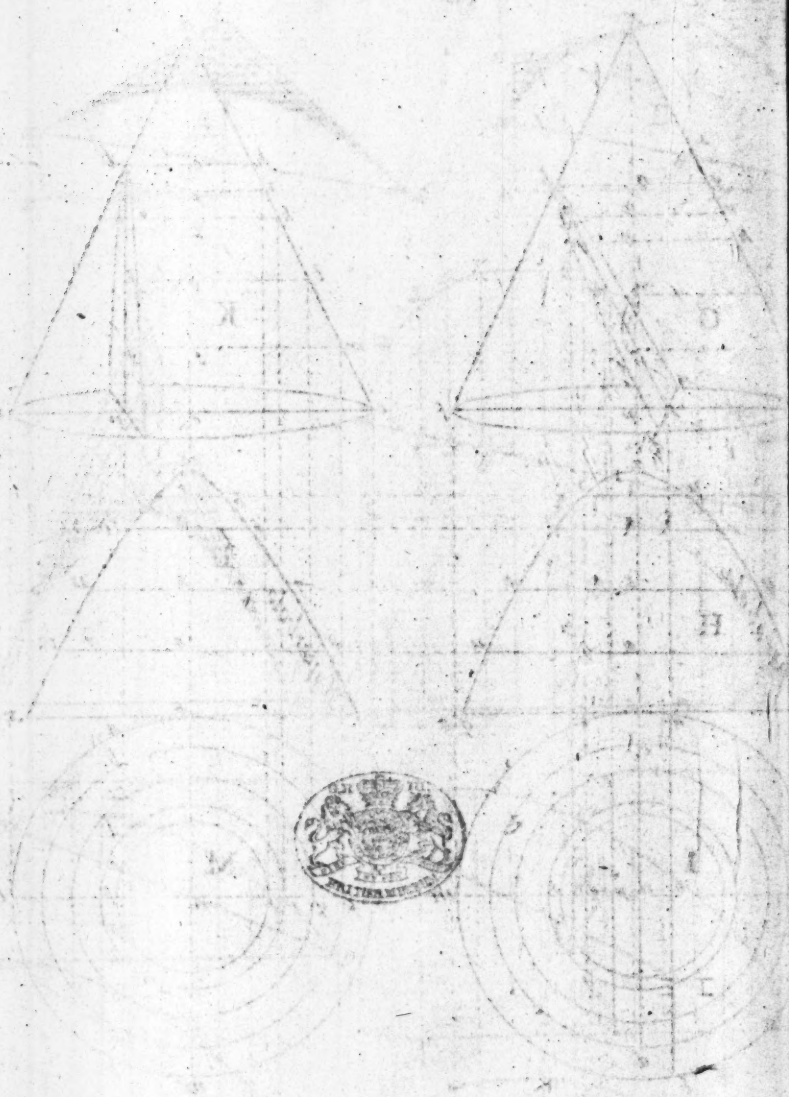
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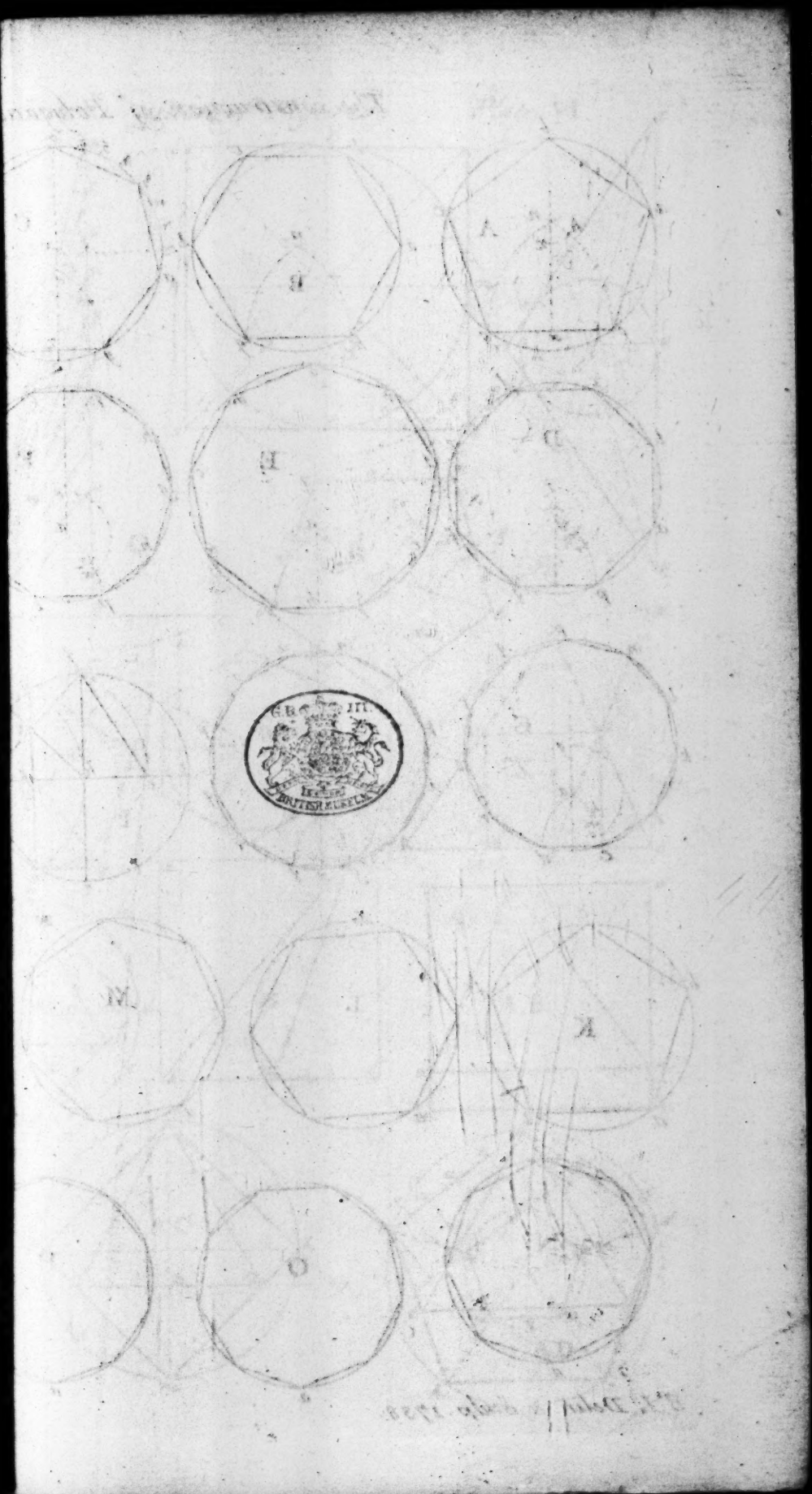

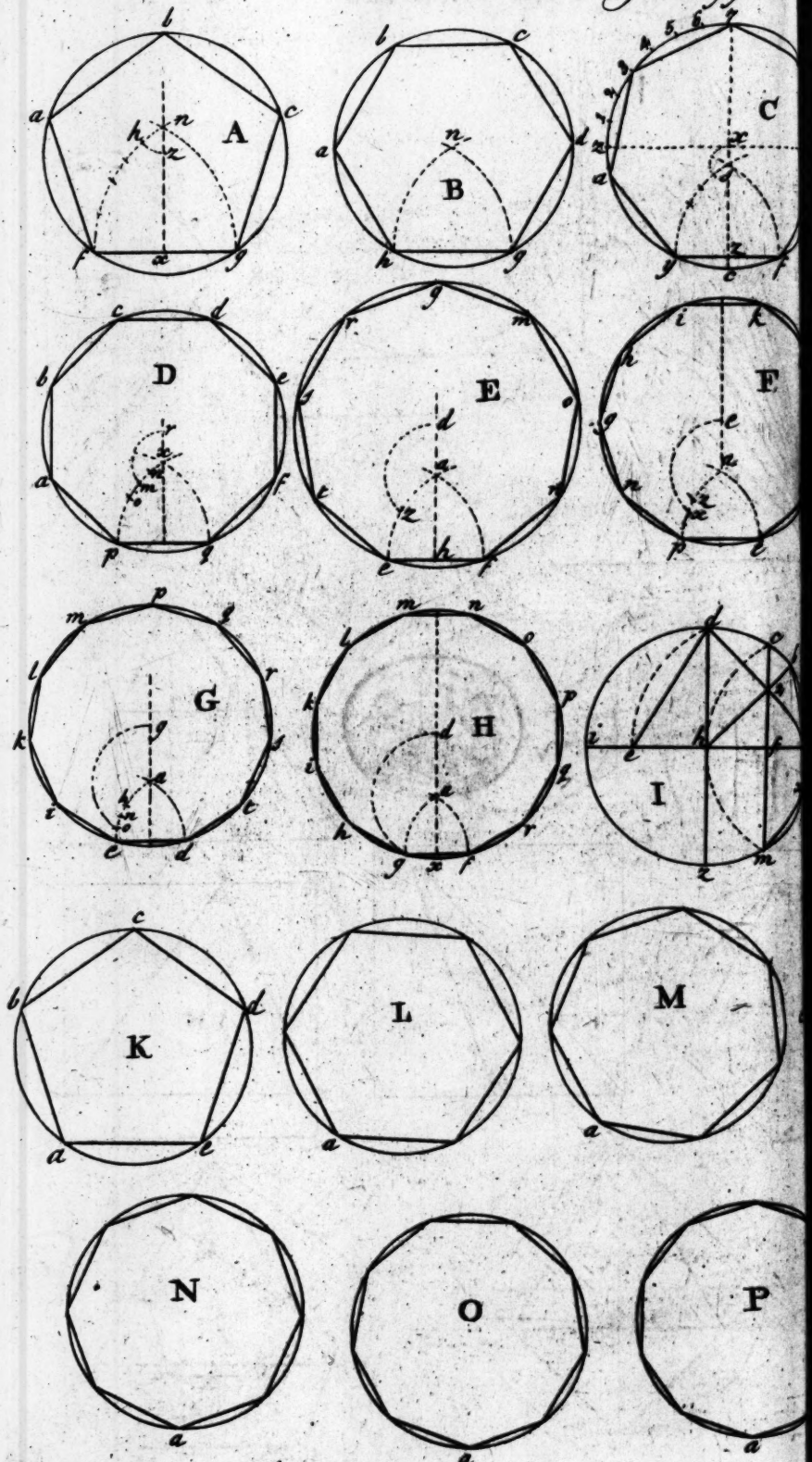

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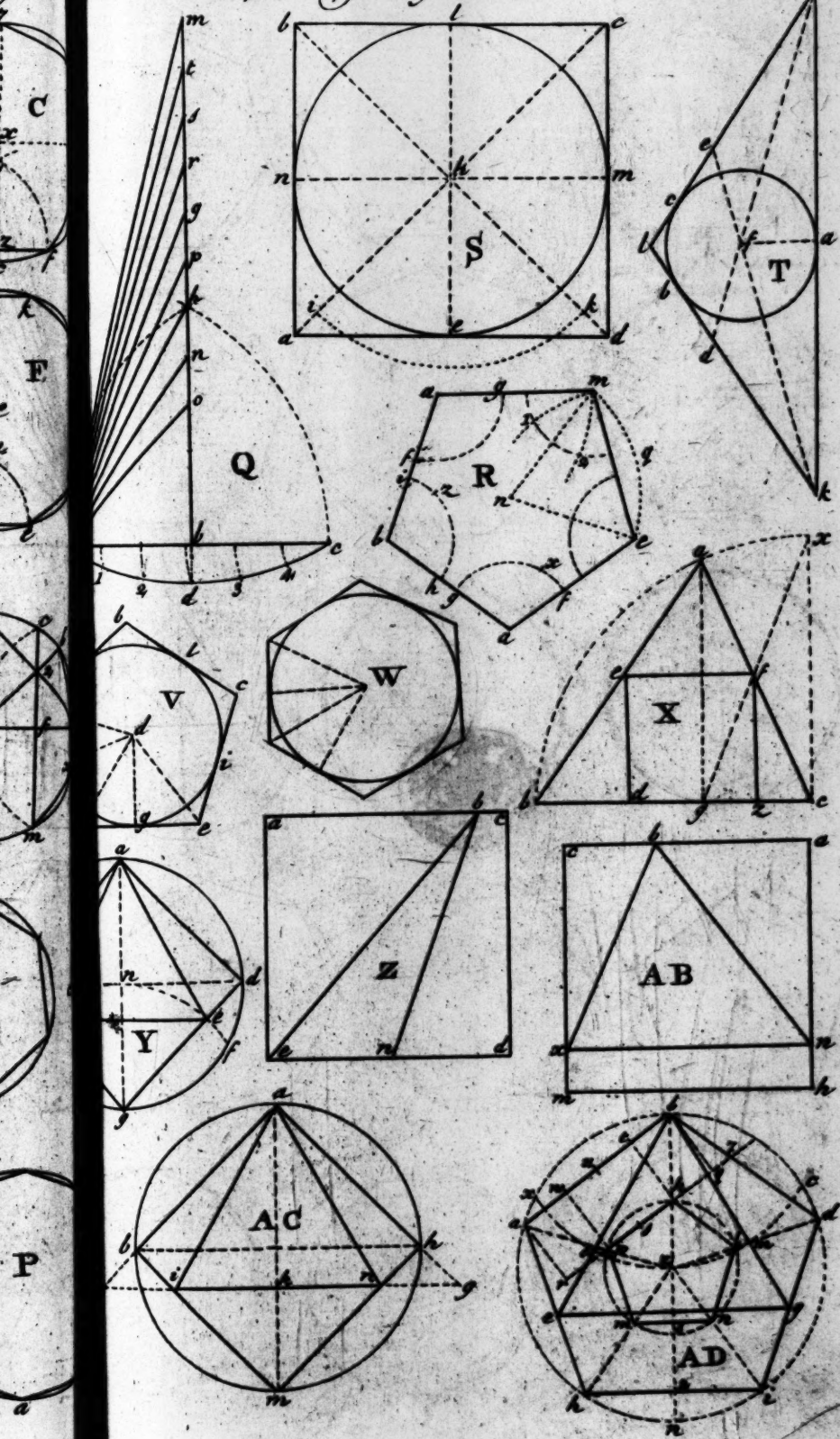
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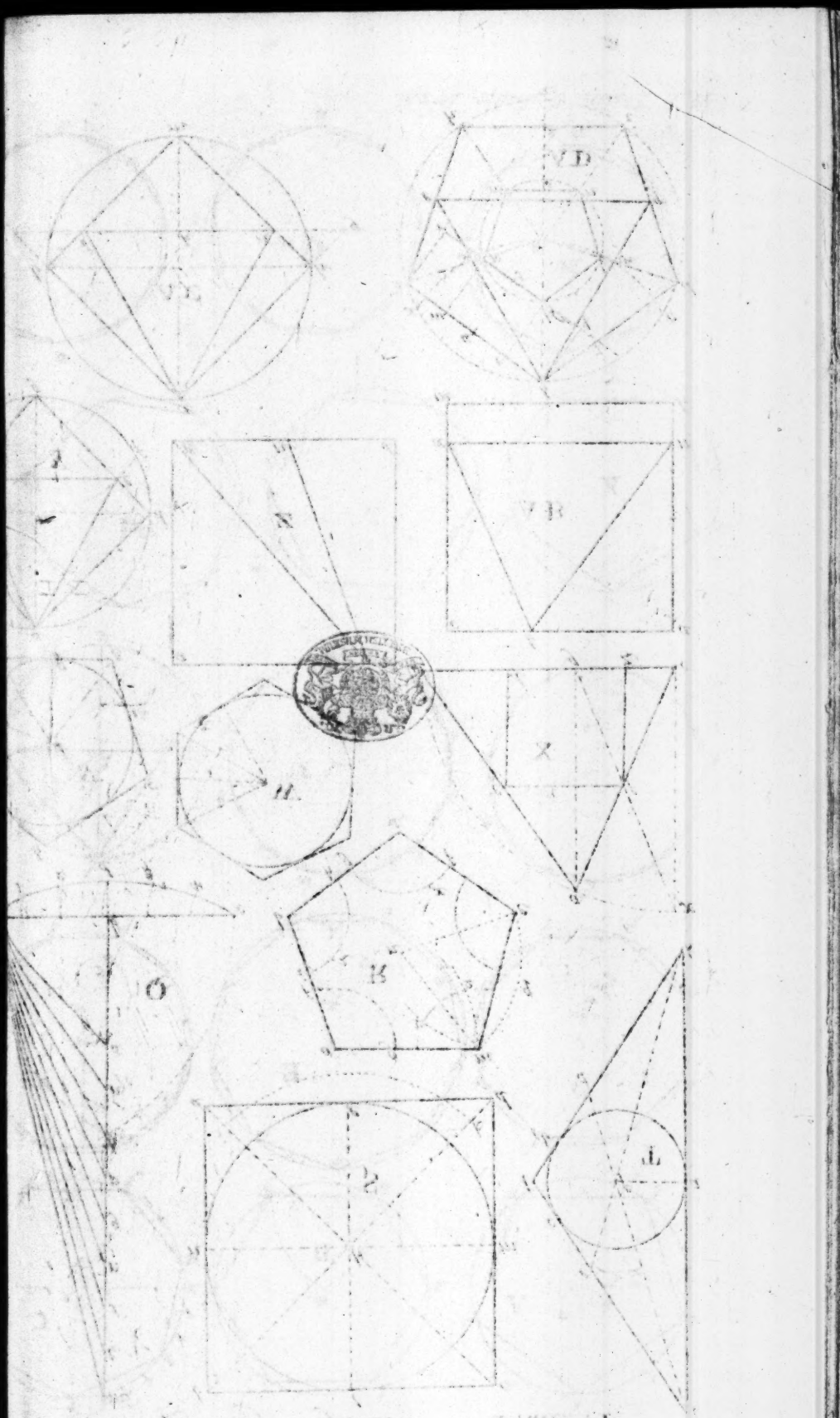
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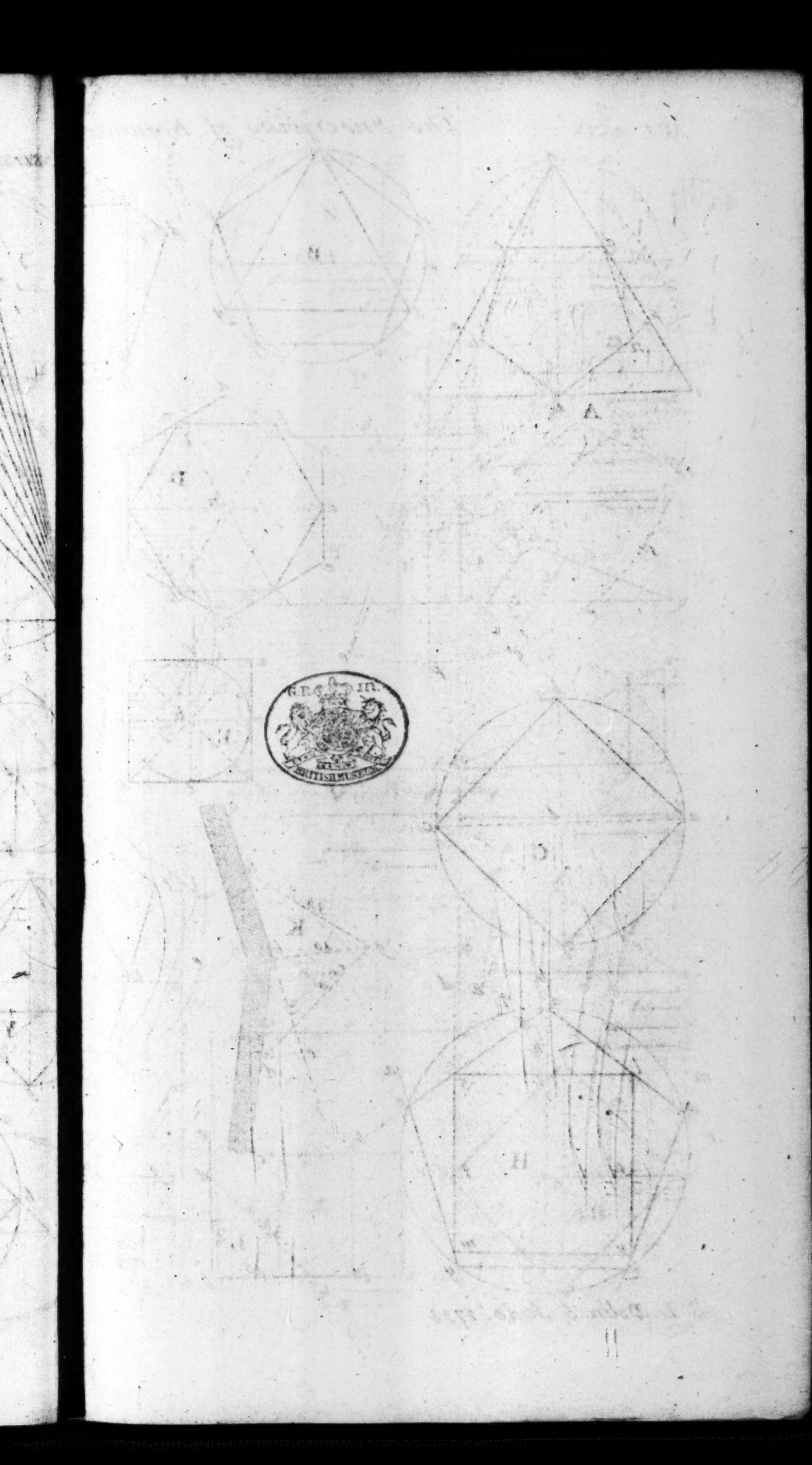
G.R.G. III.
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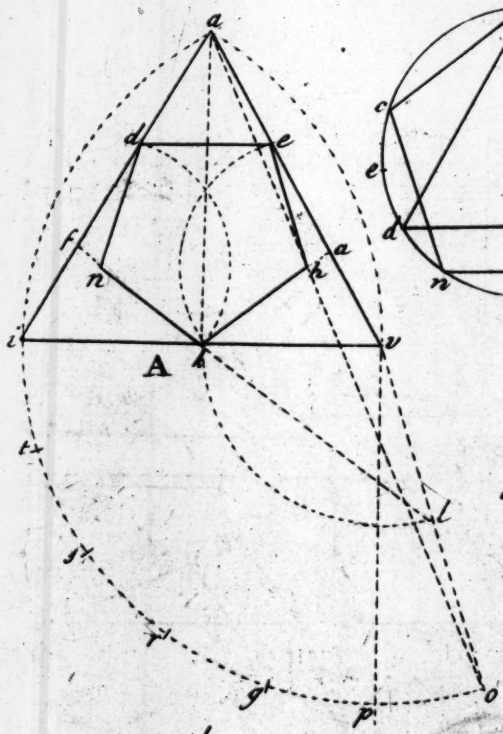

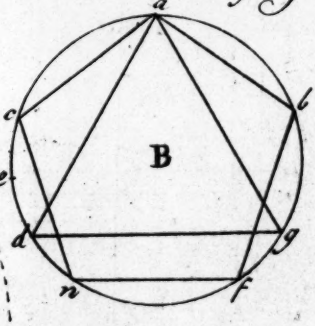

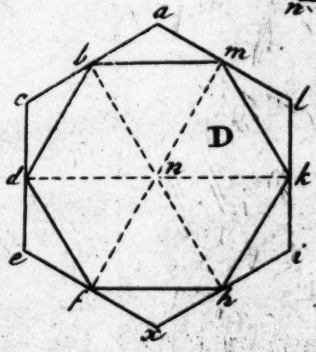

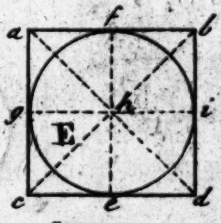

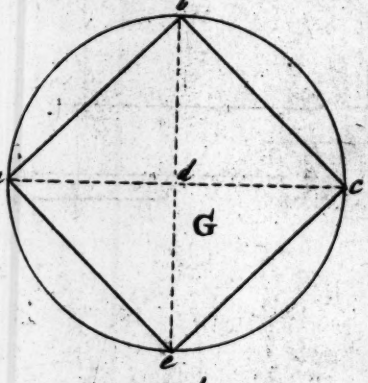

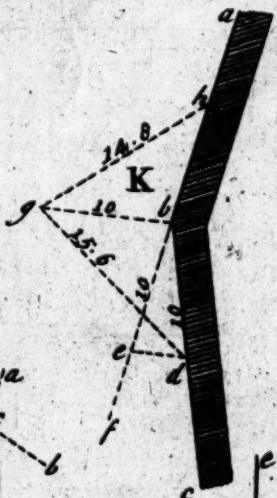

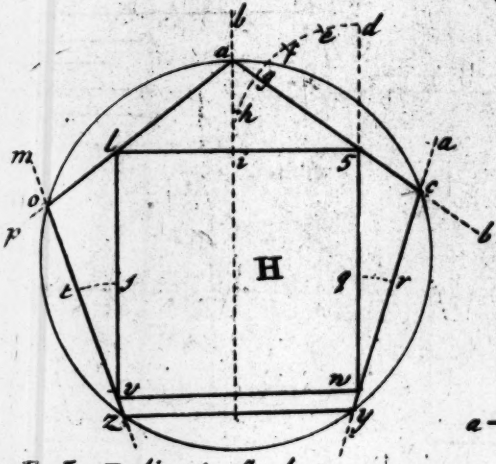

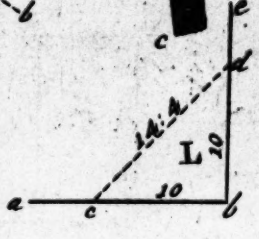

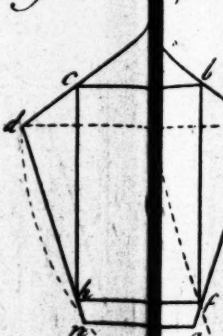

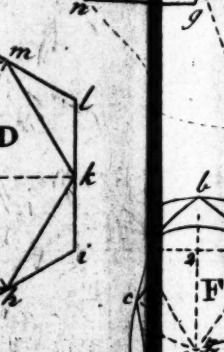

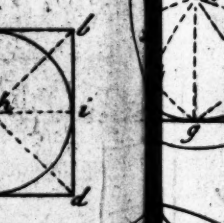

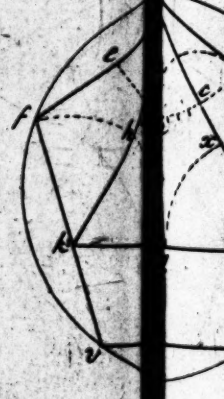

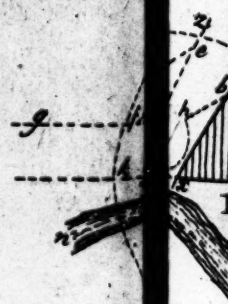

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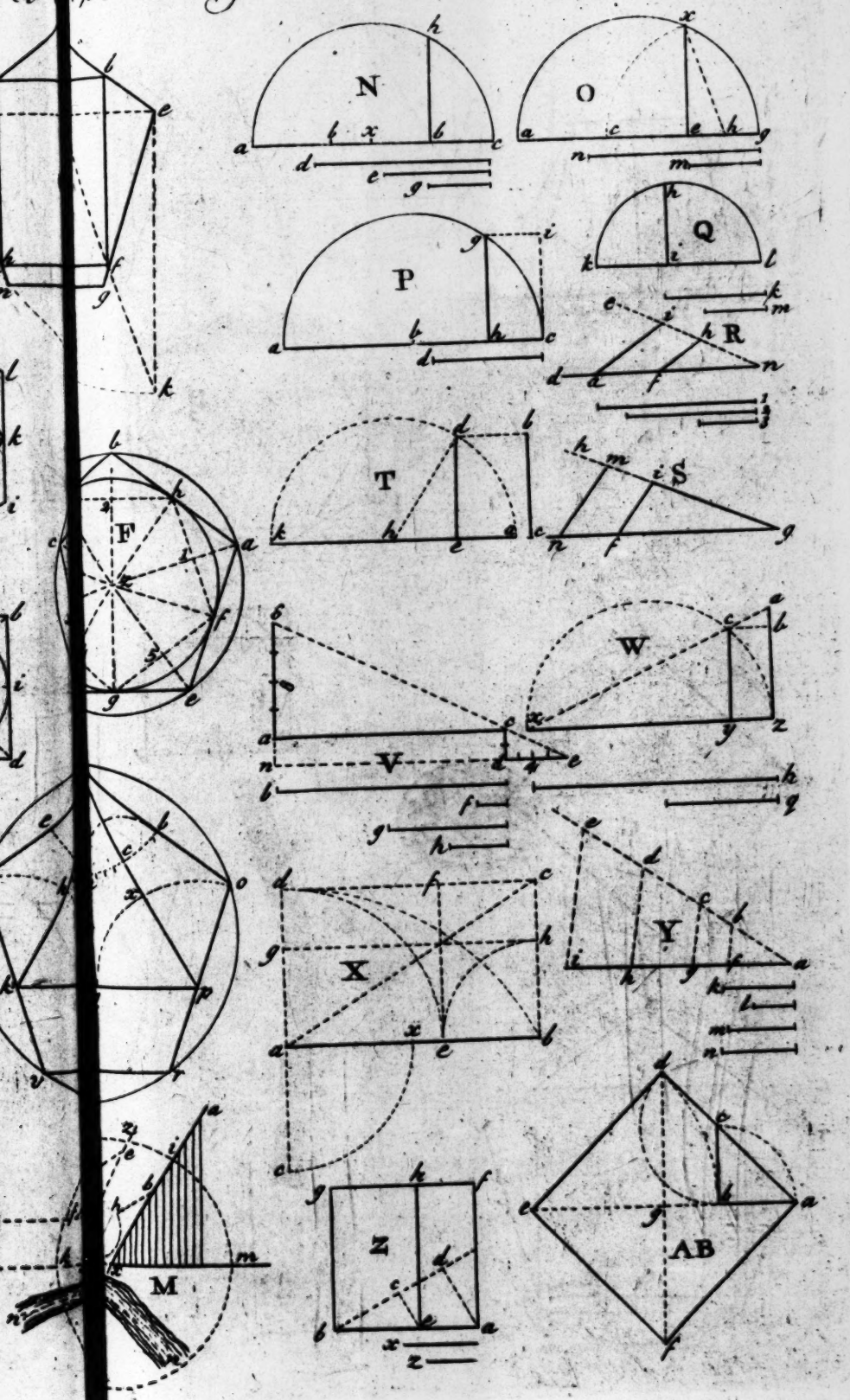
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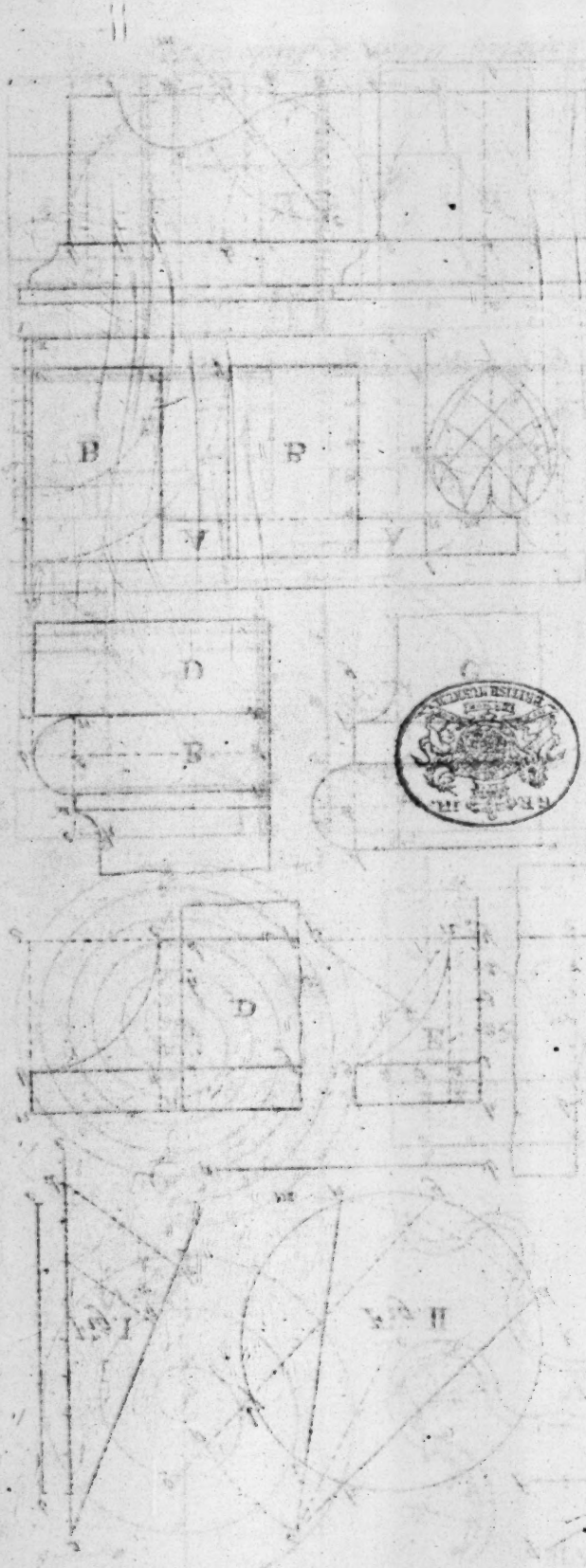
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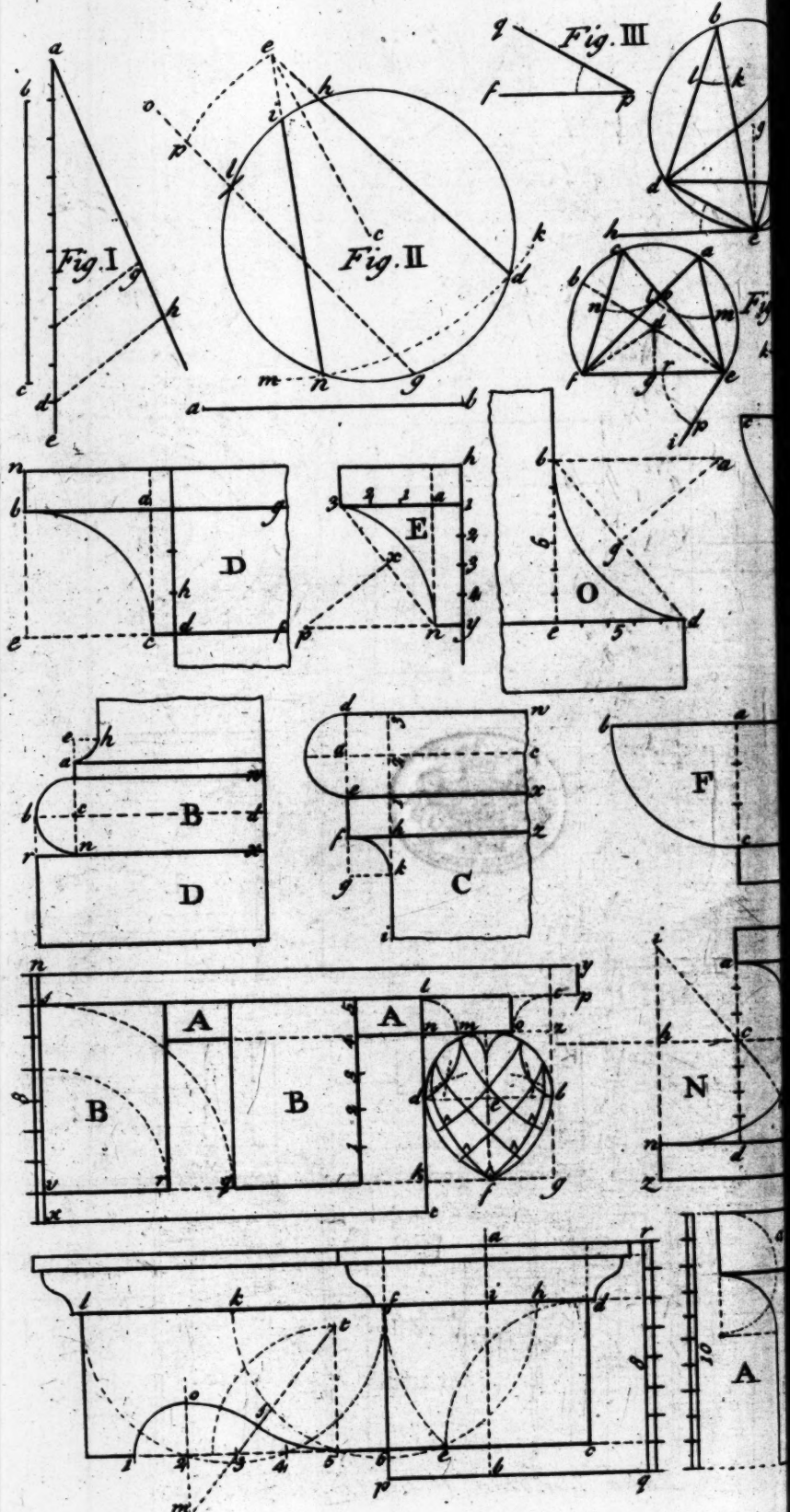
Fig. I
Fig. II
Fig. III
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Plate VIII.

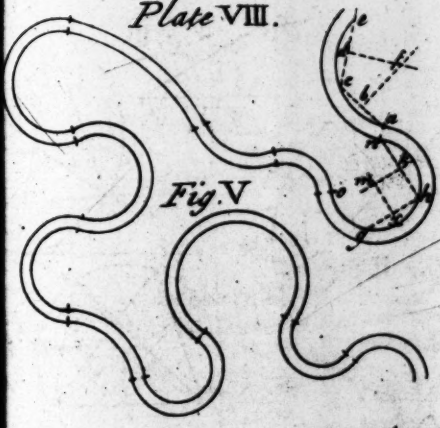
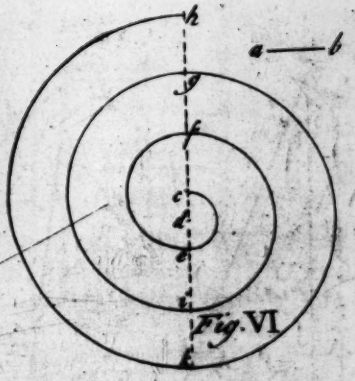


Fig. V



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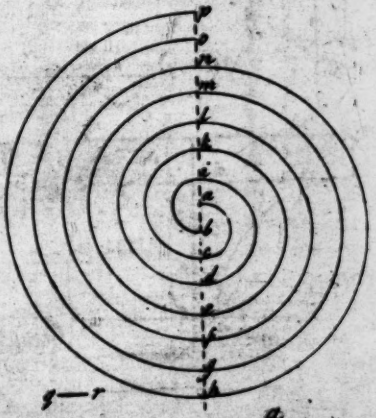

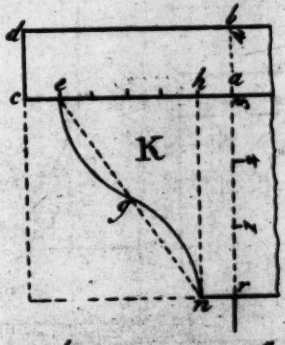

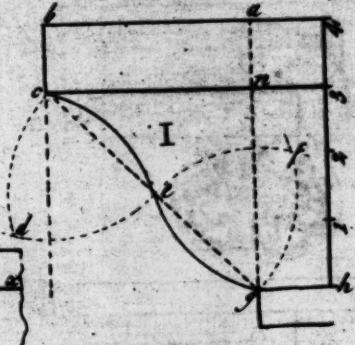

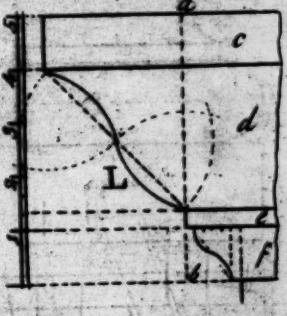

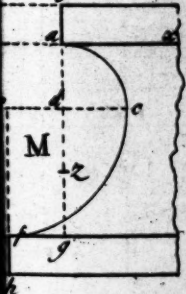

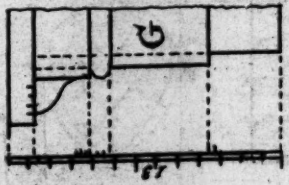

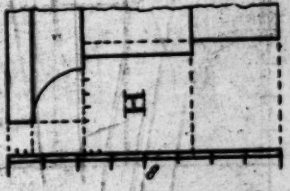

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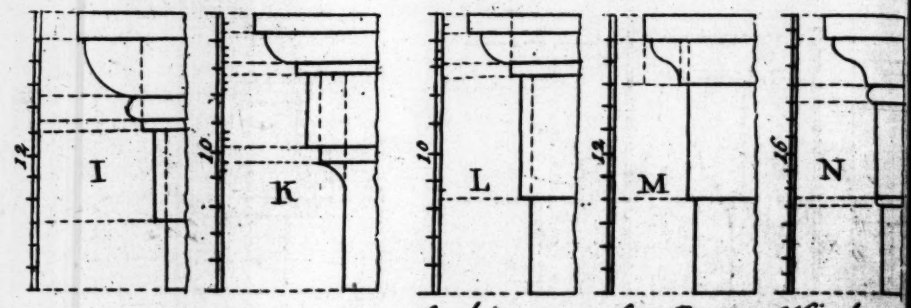
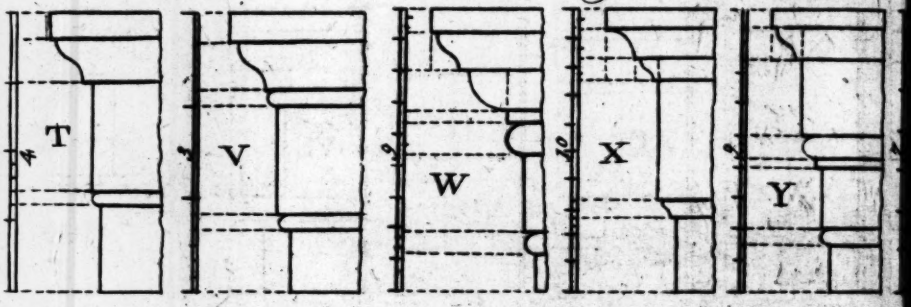
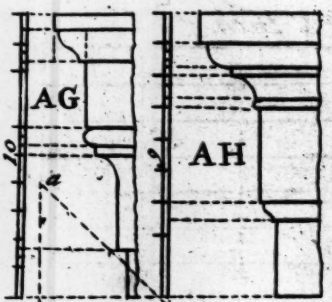


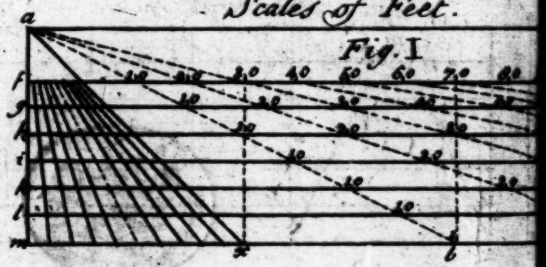
Architraves for Doors, Windows





Scales of Feet.

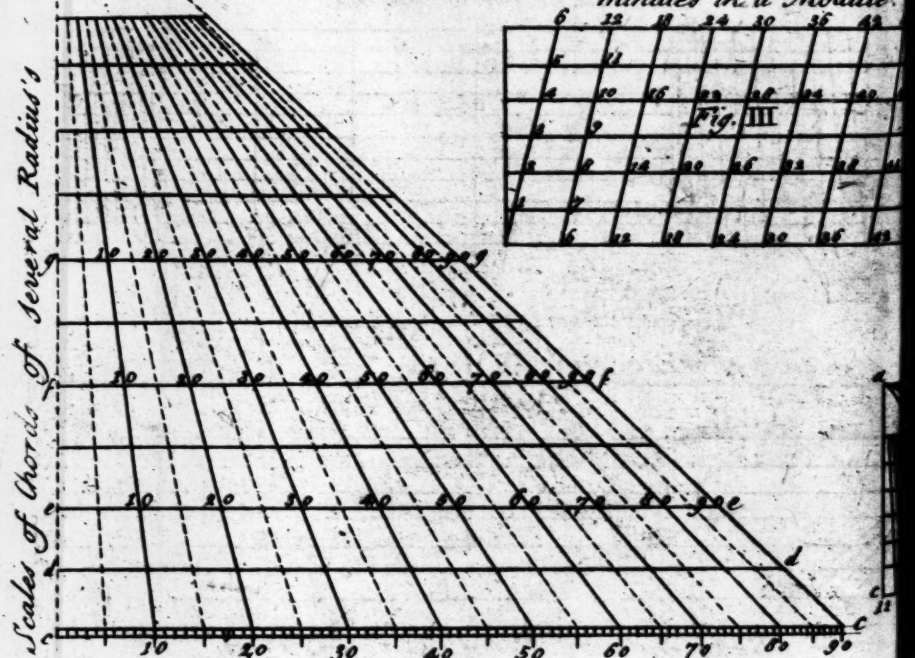
Fig. I

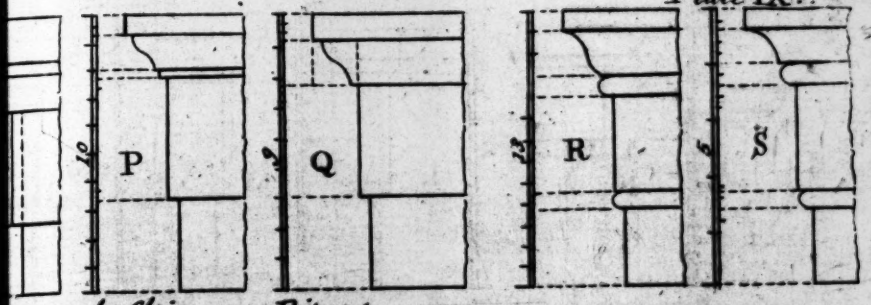


minutes in a Module.

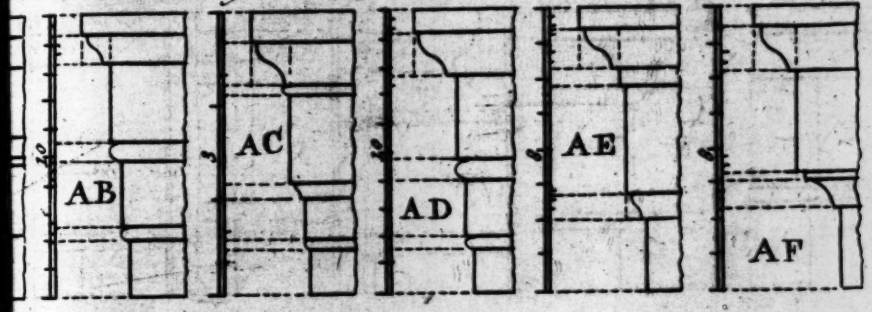
Fig. III

Scales of Chords of several Radius's

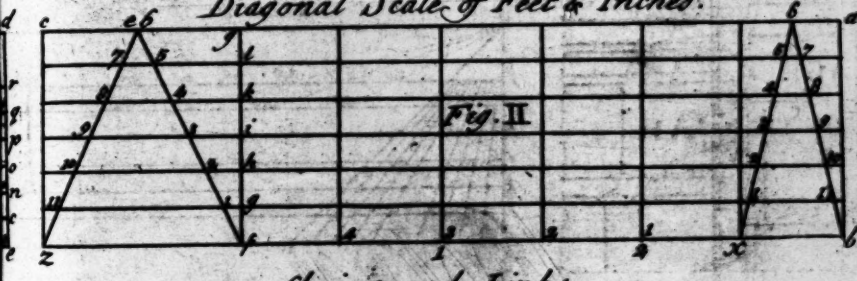




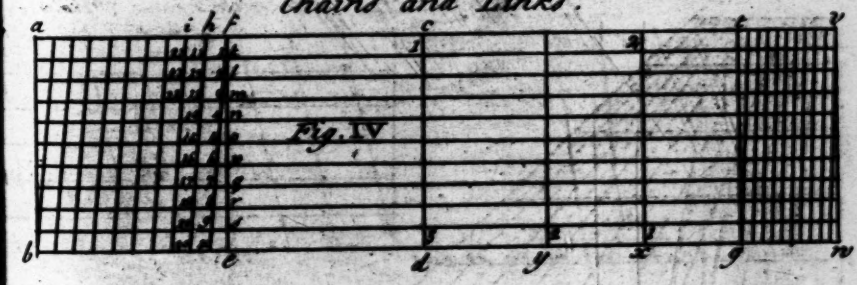
...dows, ..., and Chimney Pieces.



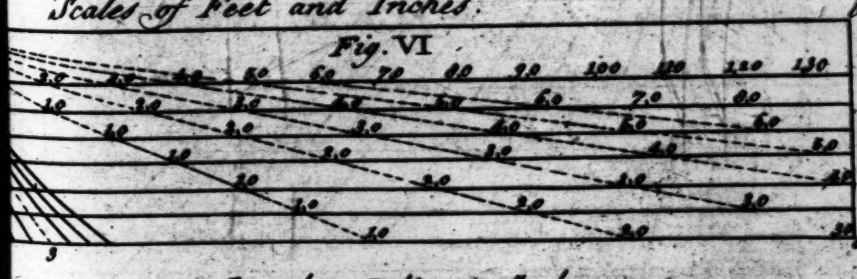
Diagonal Scale of Feet & Inches.



Chains and Links.



Scales of Feet and Inches.



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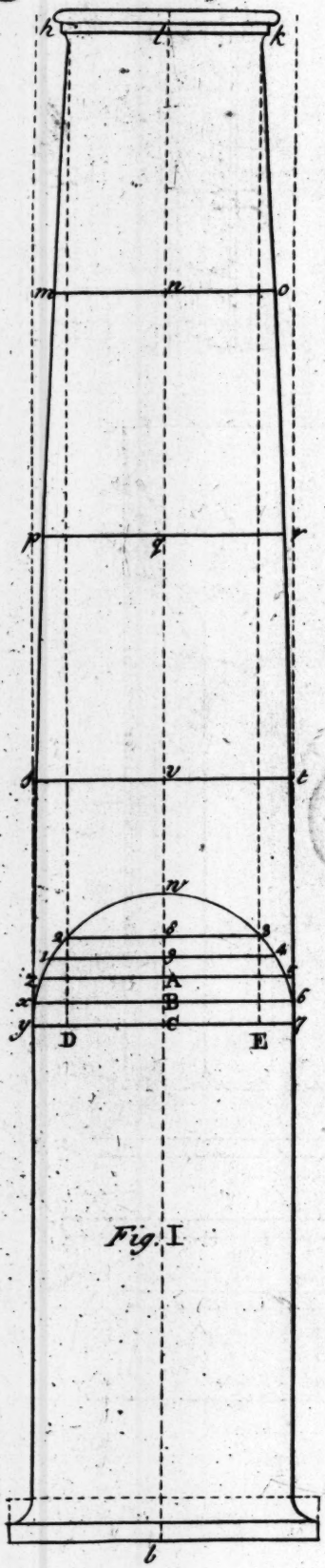

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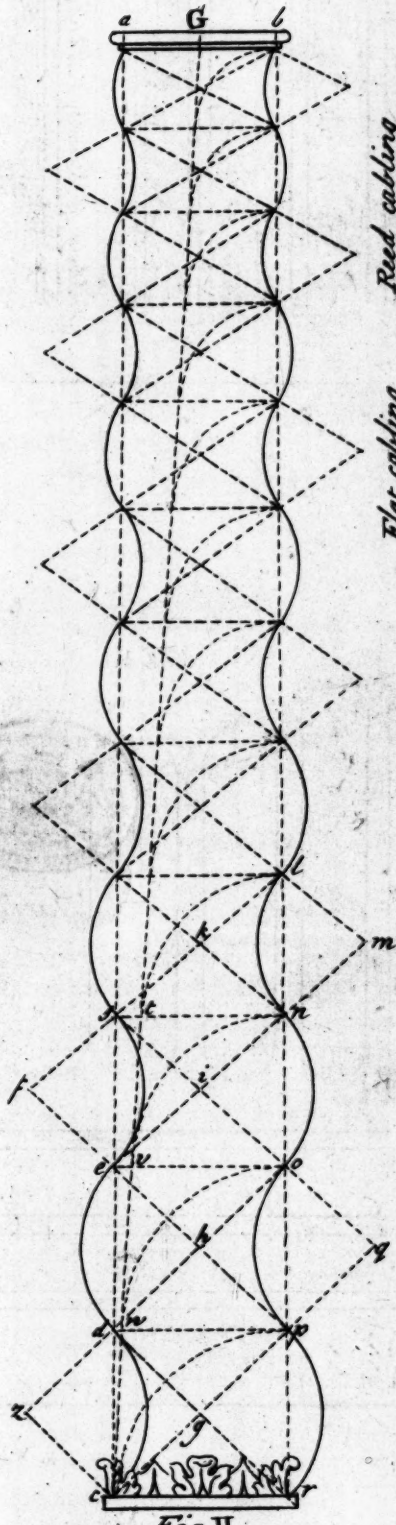

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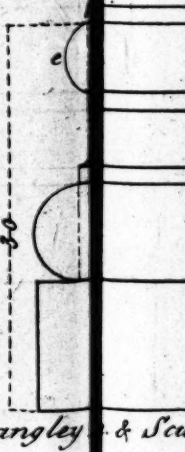

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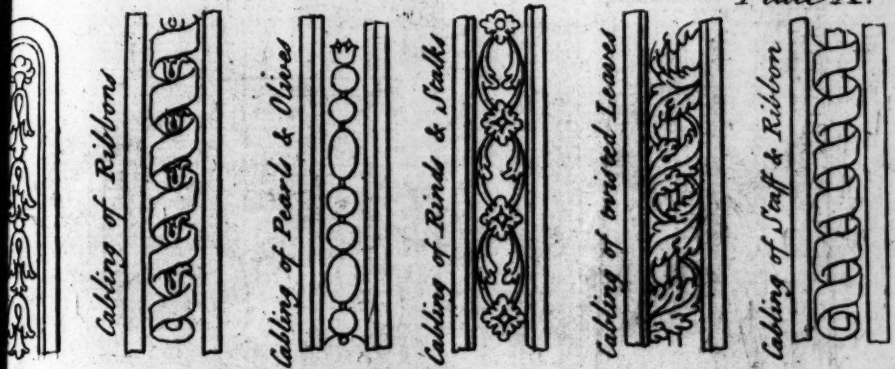

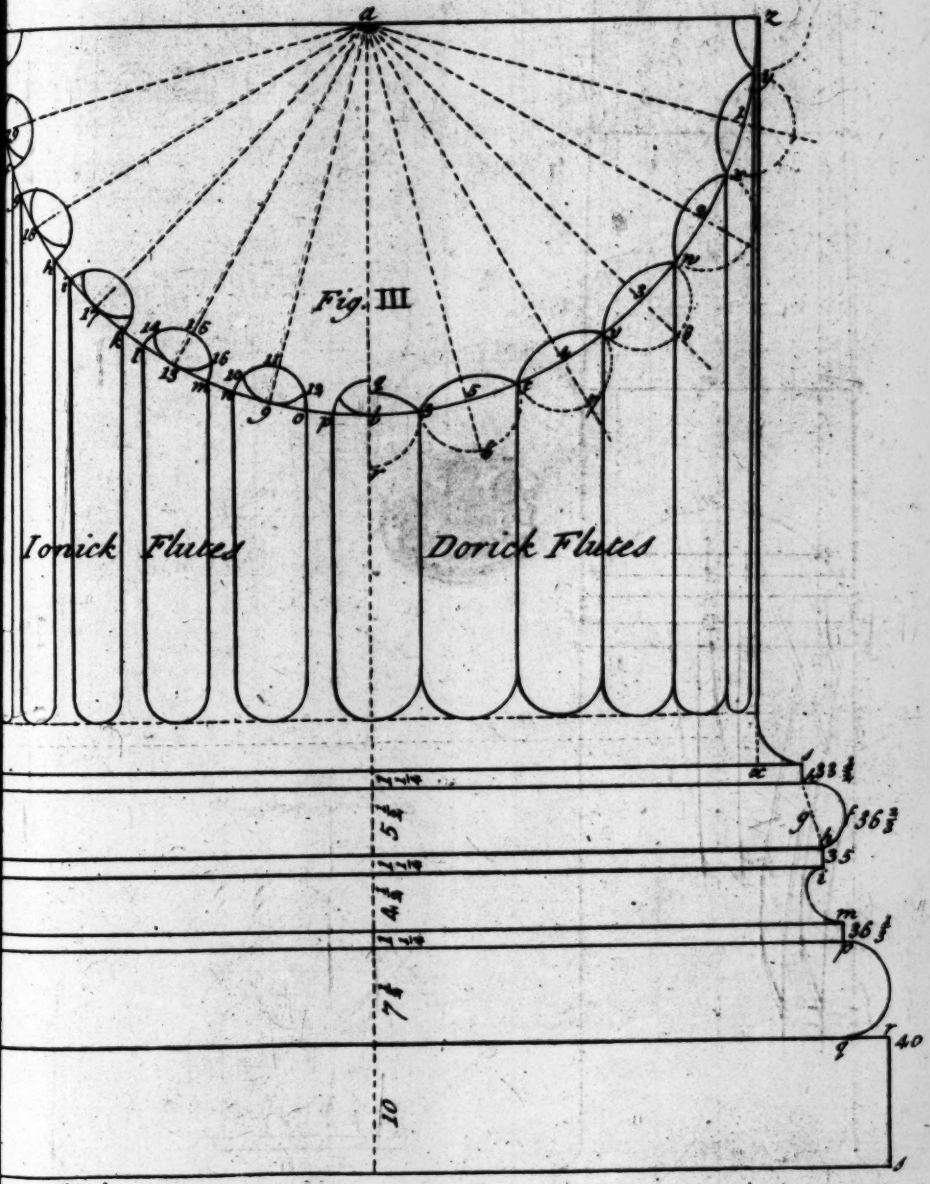

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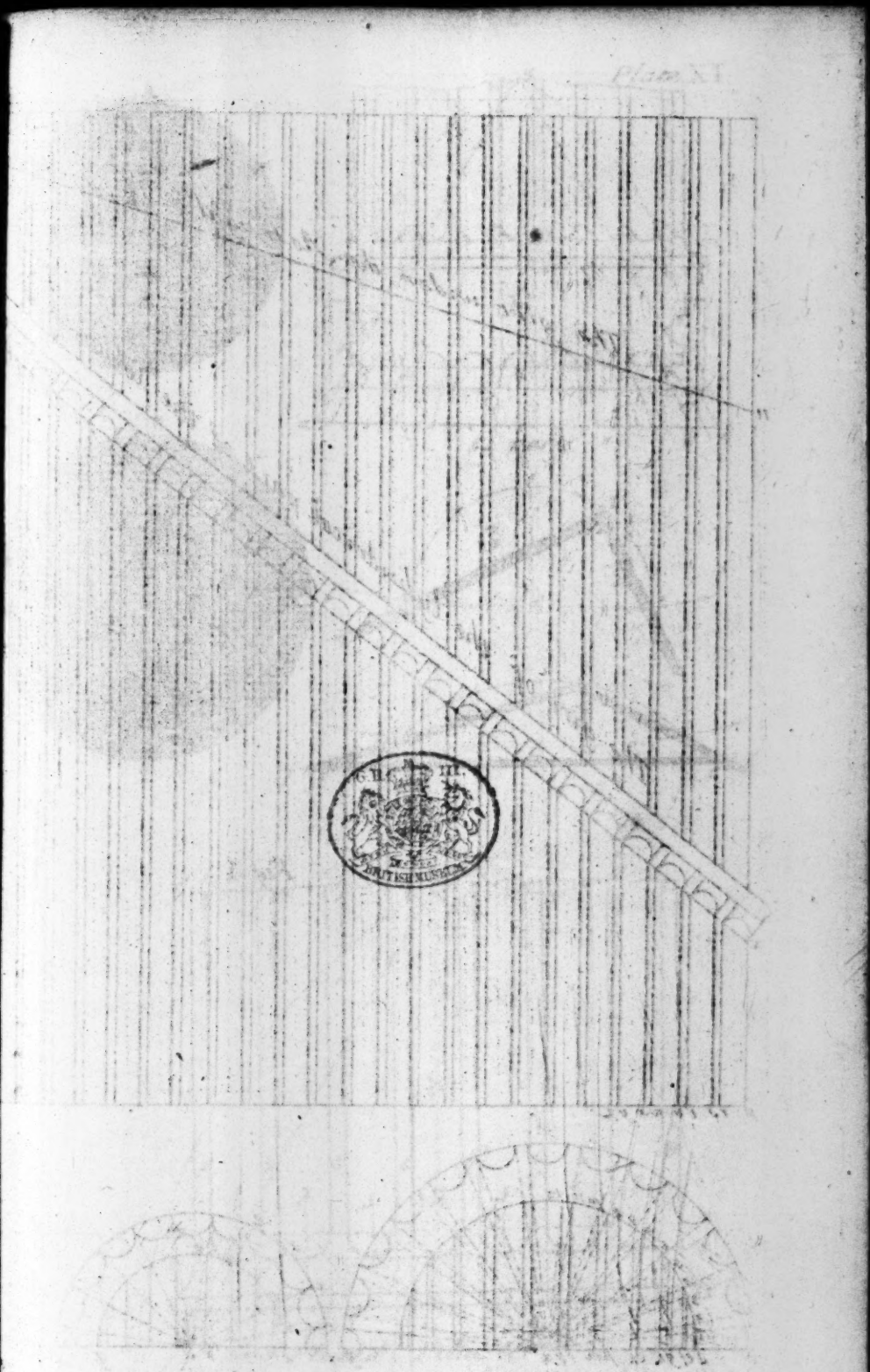

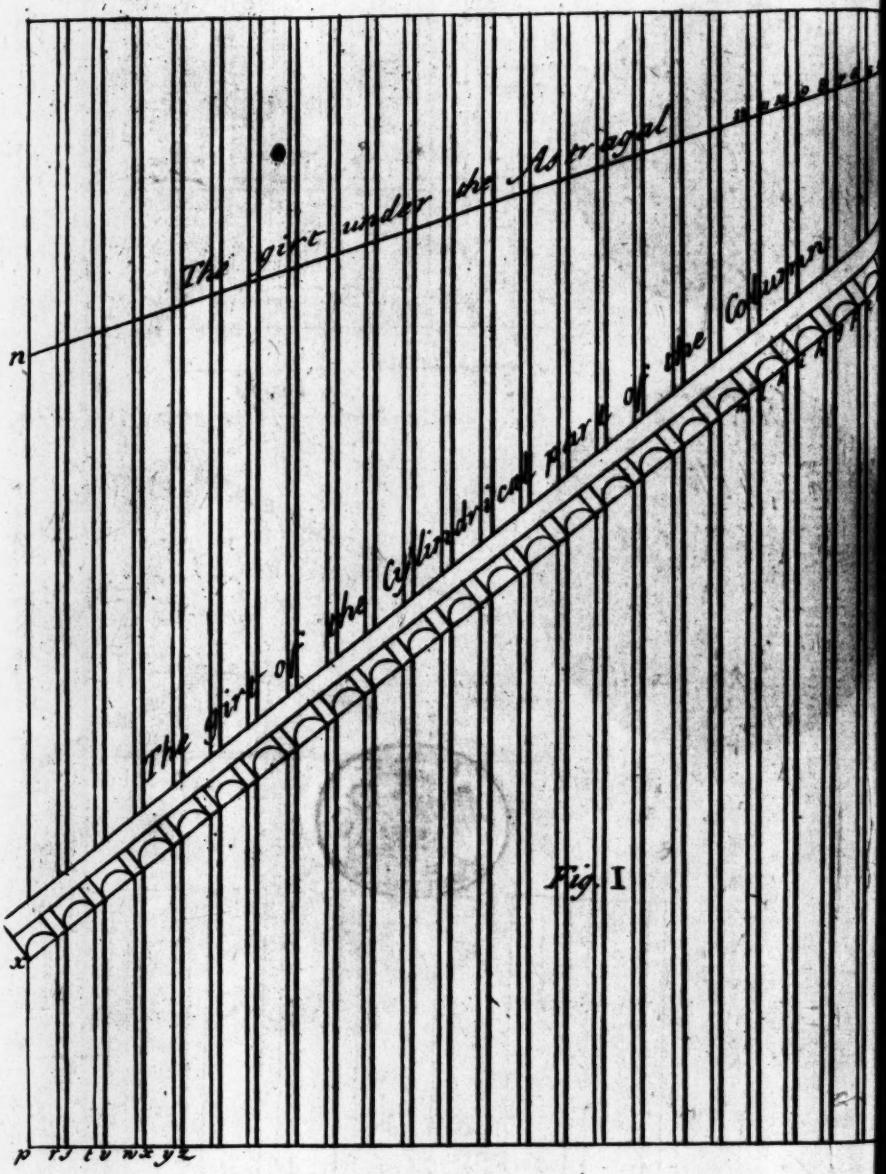

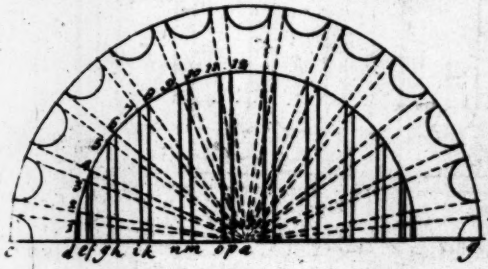

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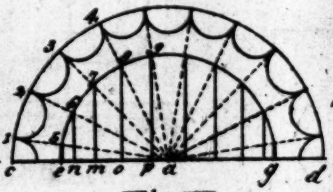

Fig. III

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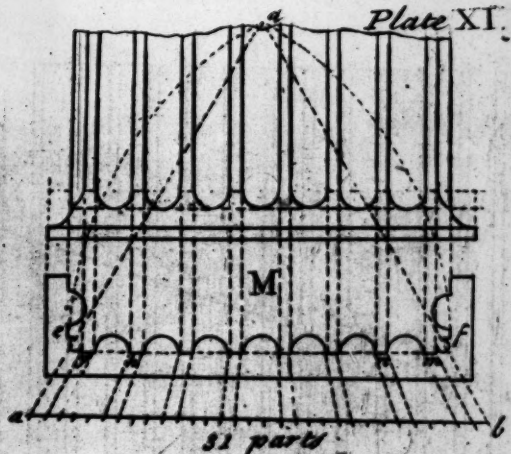
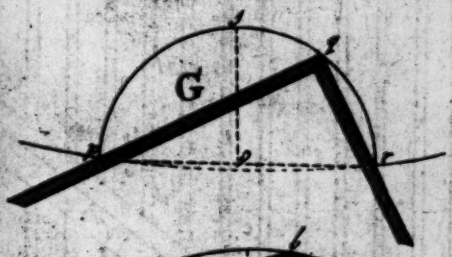
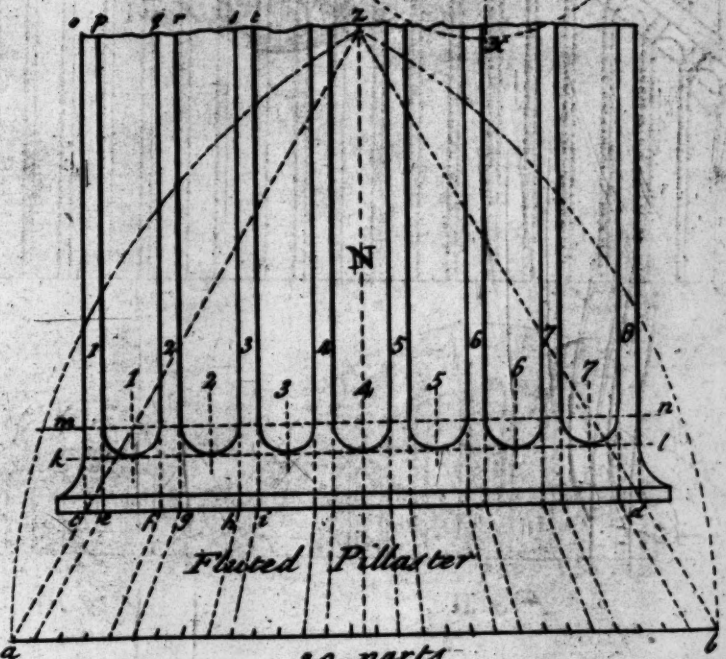
A

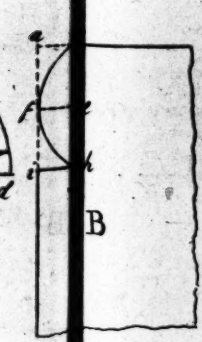

M
a
b
31 parts

B
a


G

H


N
Fluted Pillaster
a
b
29 parts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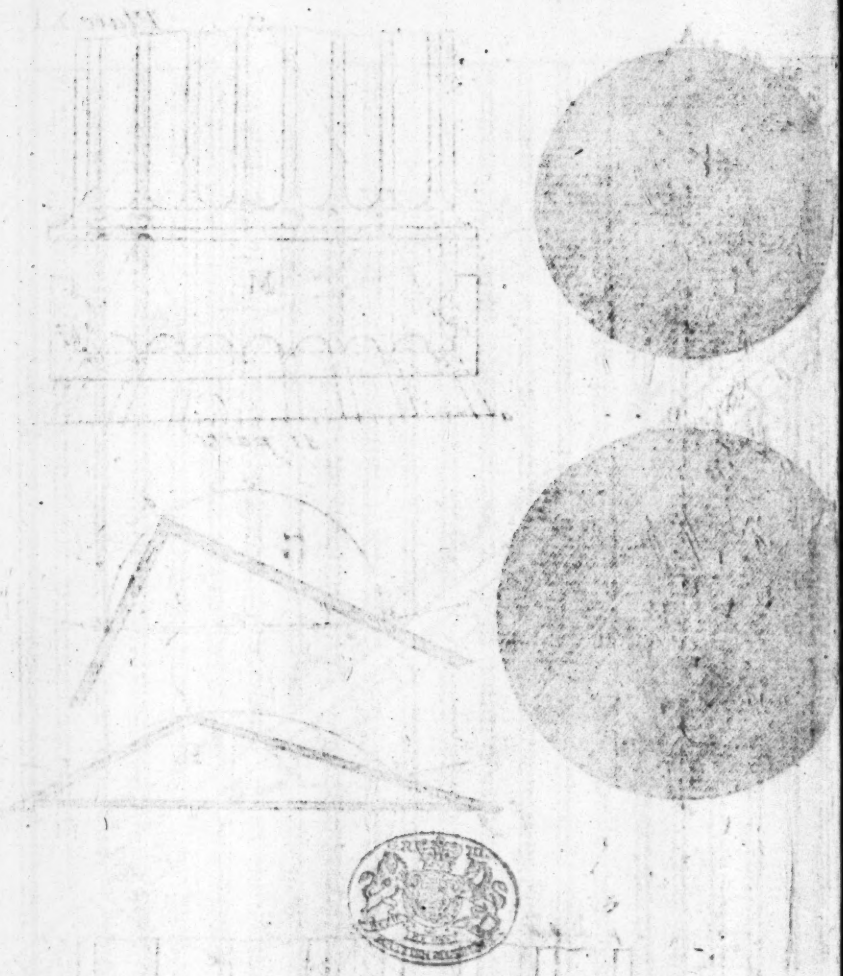
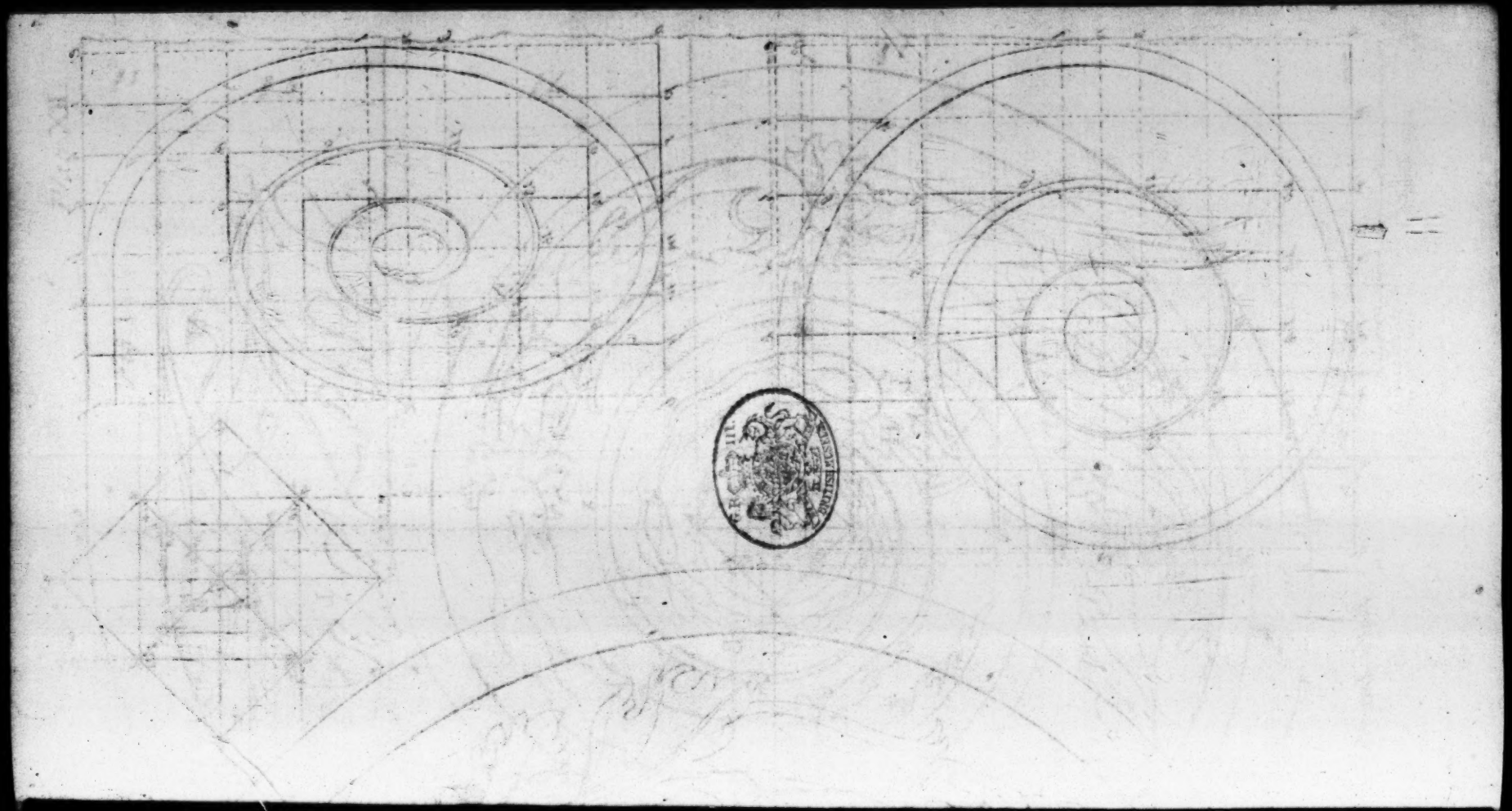
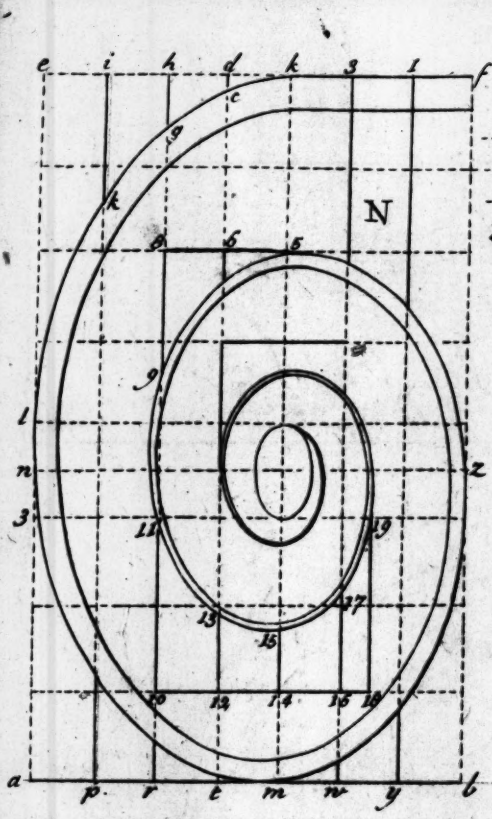
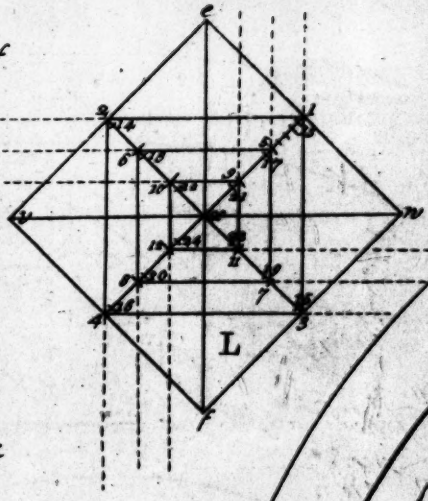
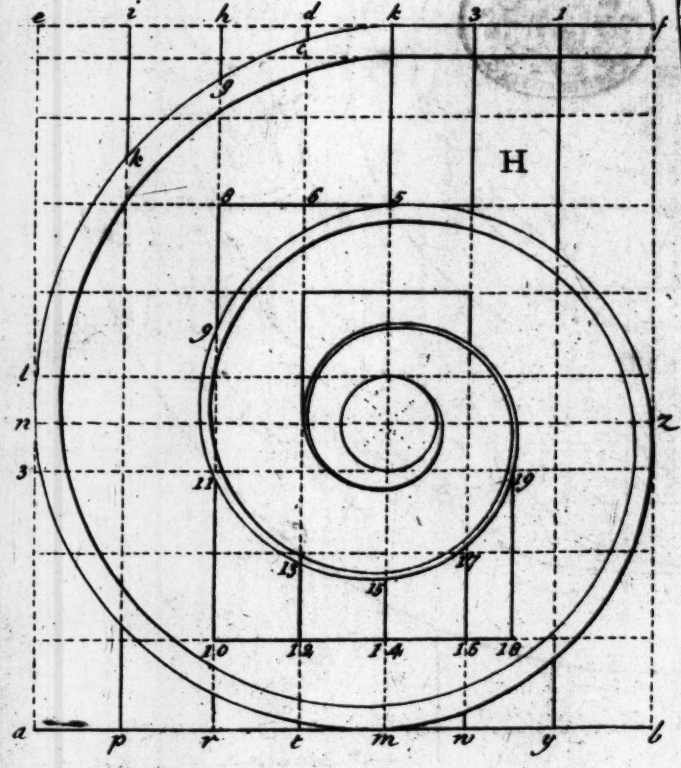






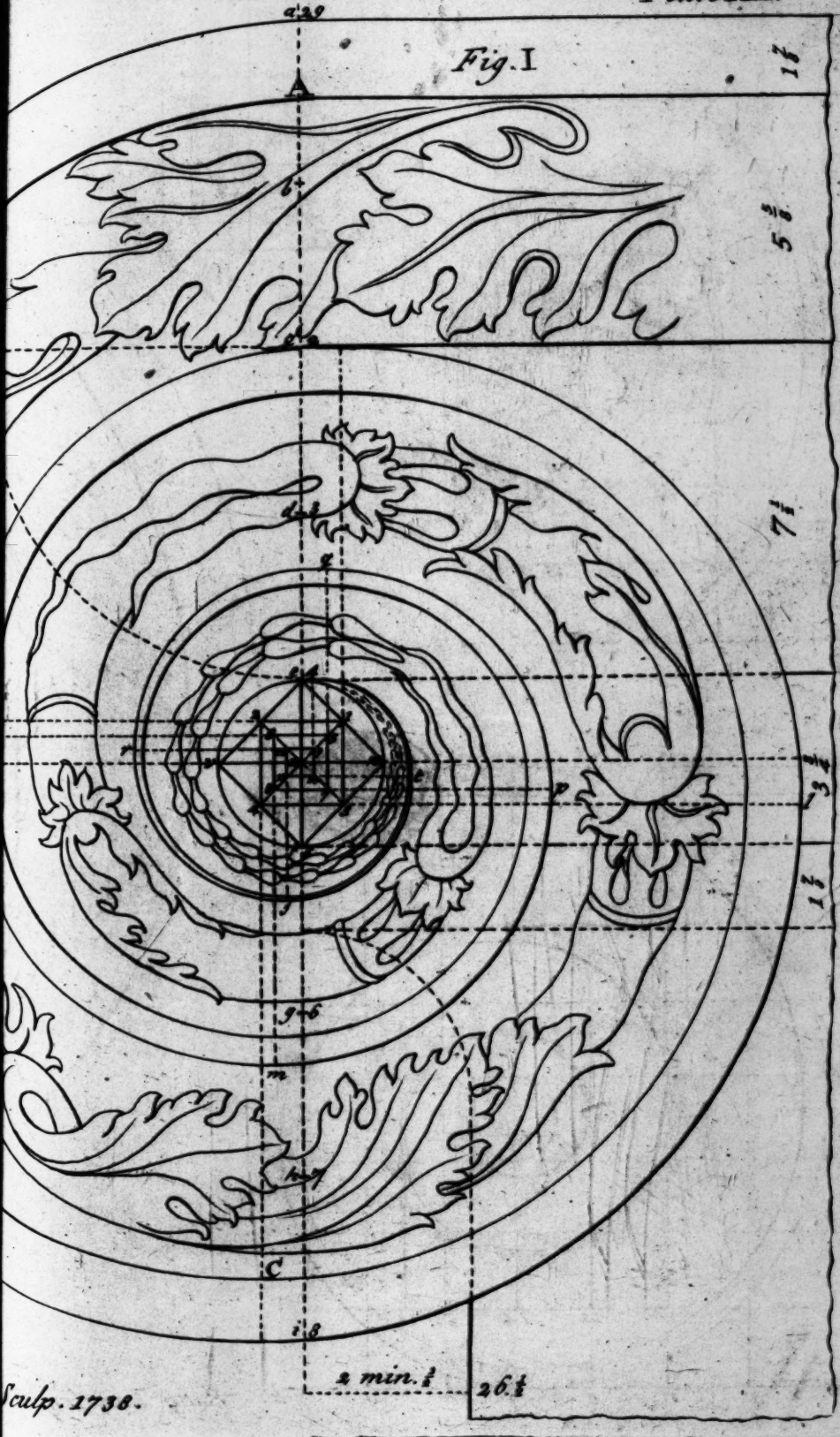




Batty Langley De Sculp

Plate XII.

Fig. I



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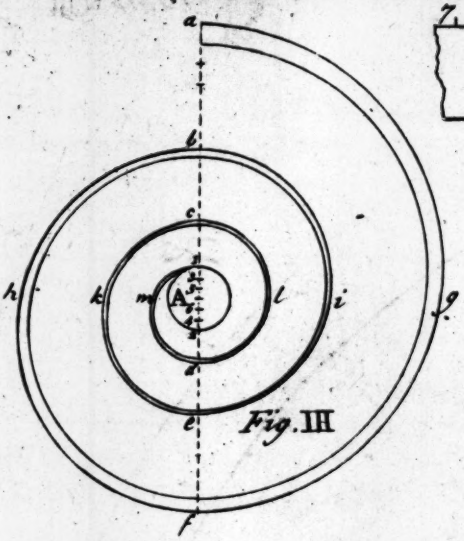
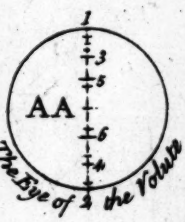


Fig. III



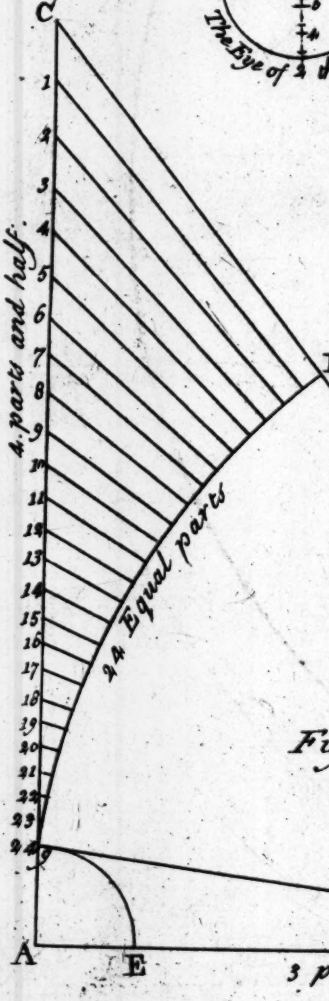
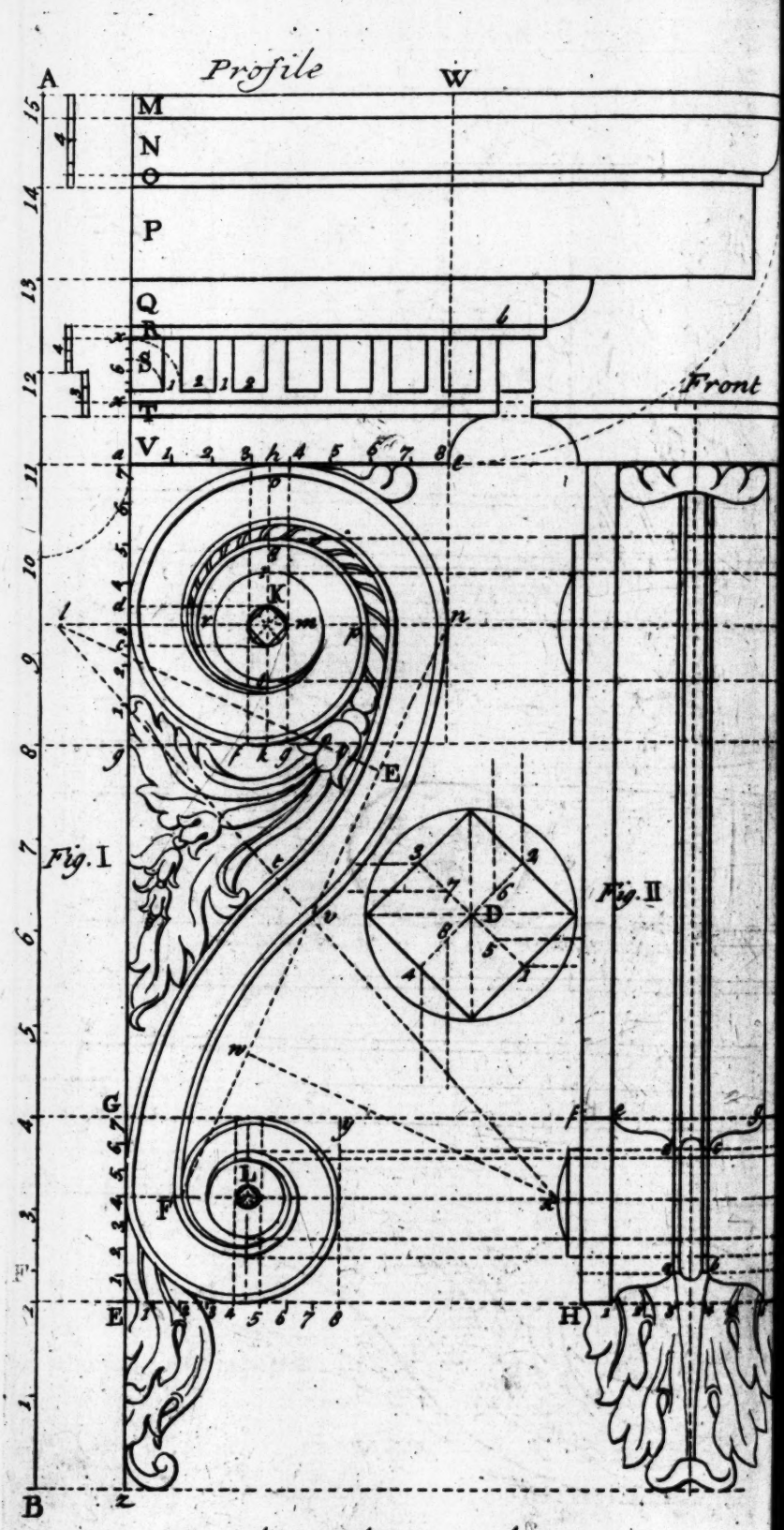


Fig. II

Batty Langley Delin. & Sculp. 1736.

G R III
BRITISH MUSEUM



Batty Langley Delin. & Sculp. 1738.

The Face or direct view of a Modillion.

Plate XIV.

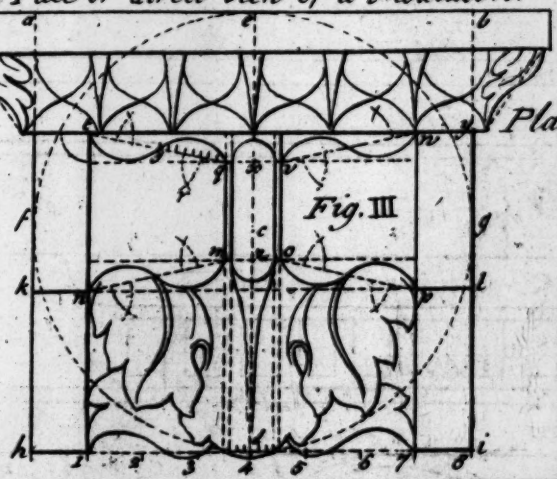


Fig. III

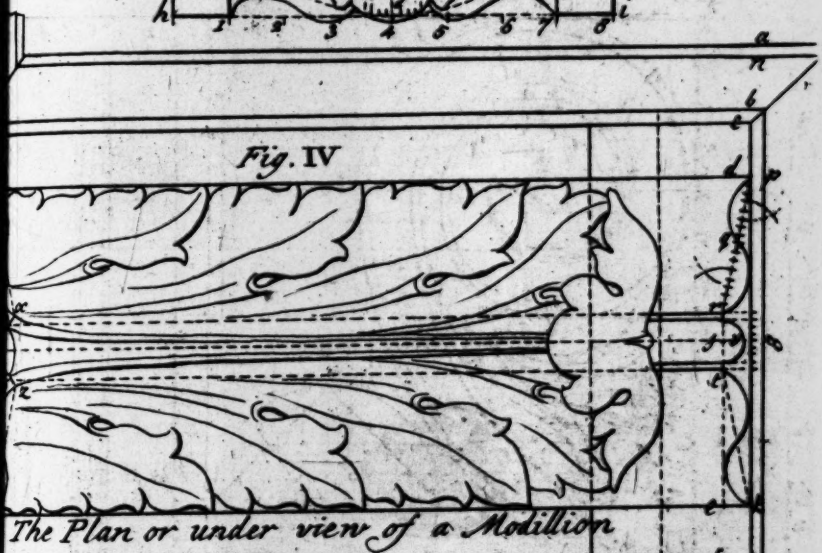


Fig. IV

The Plan or under view of a Modillion

A

The Profile or side view of a Modillion

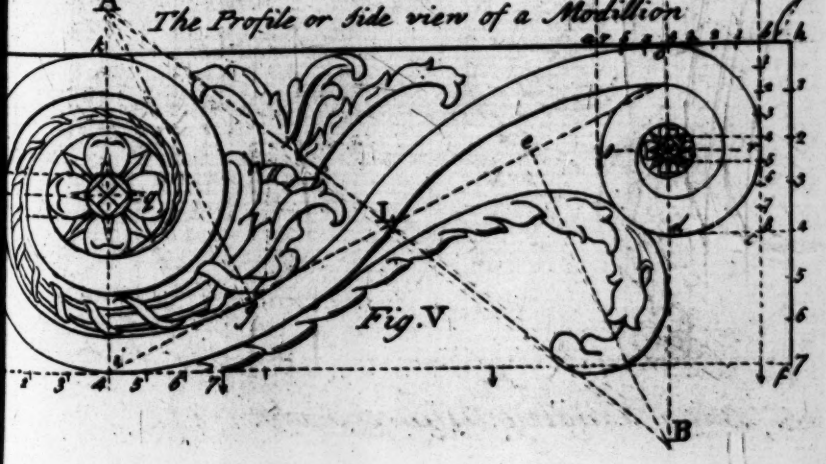
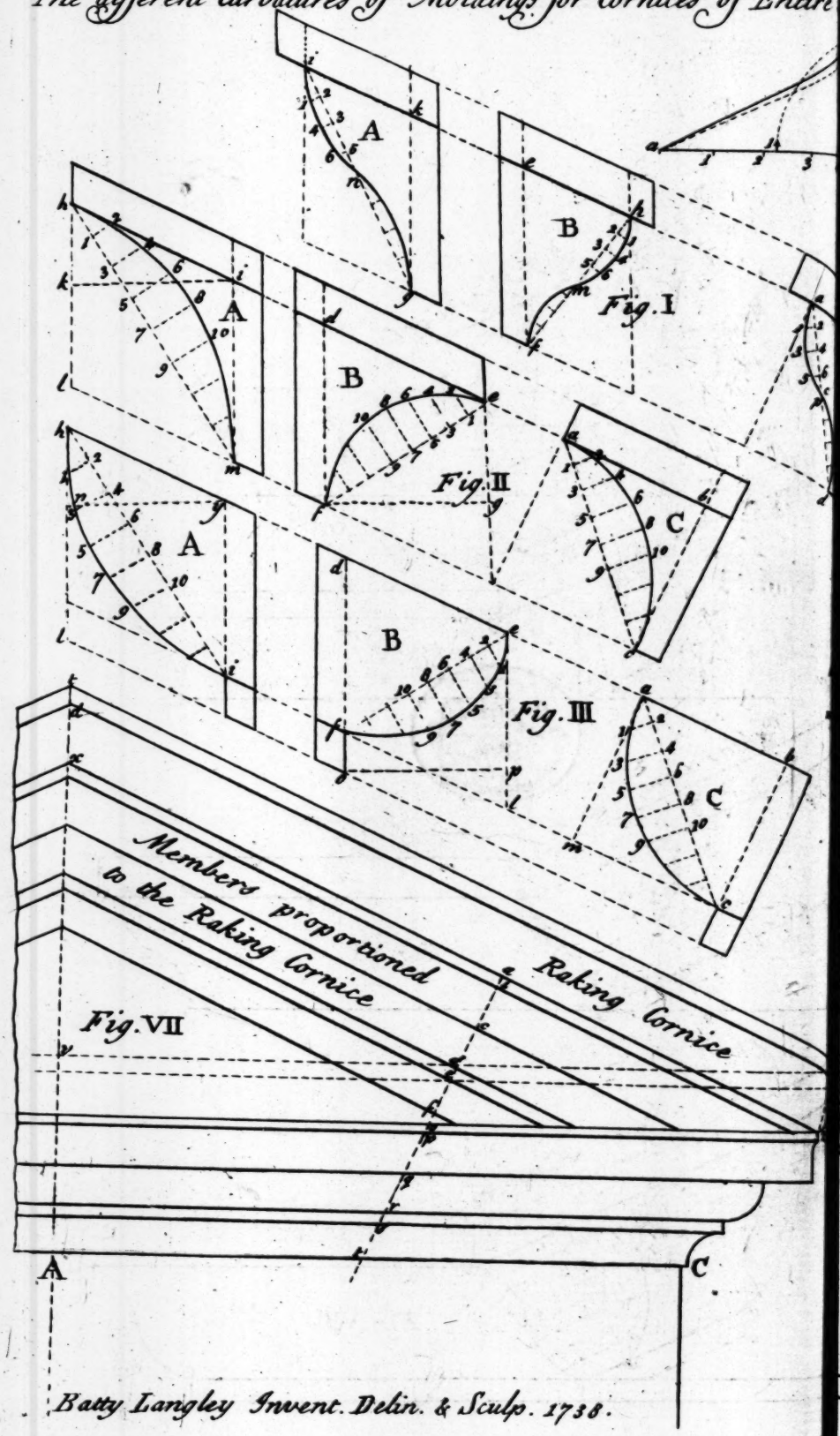


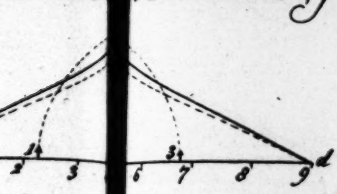
Fig. V

B

The different Curvatures of Mouldings for Cornices of Entire



Batty Langley Invent. Delin. & Sculp. 1738.



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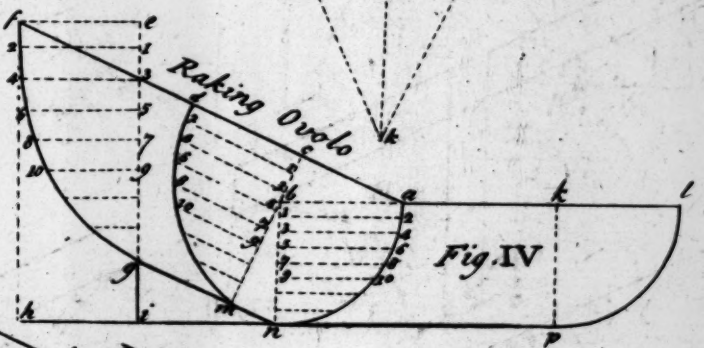
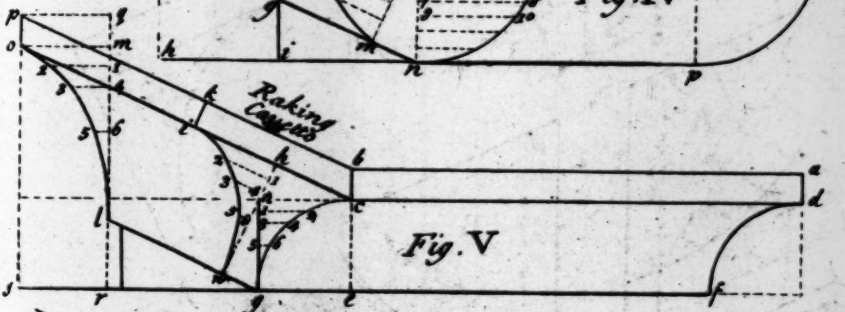
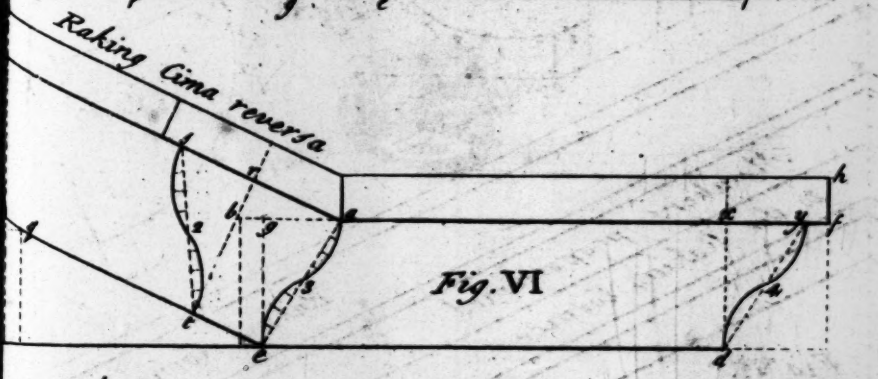
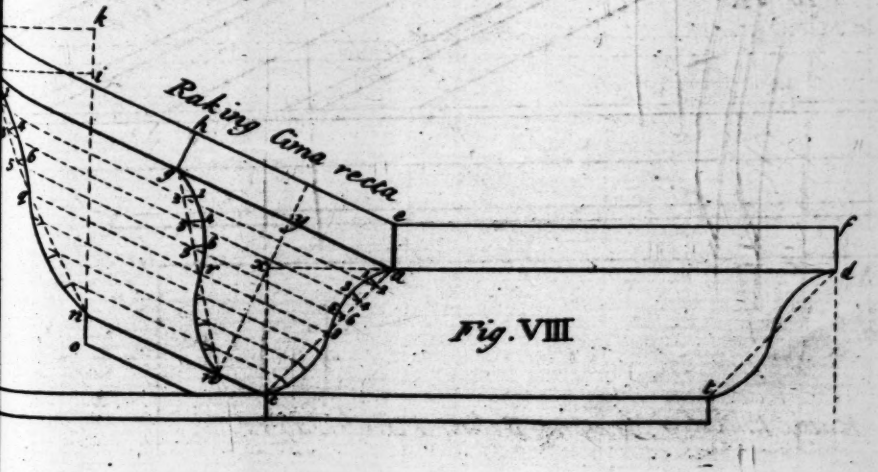
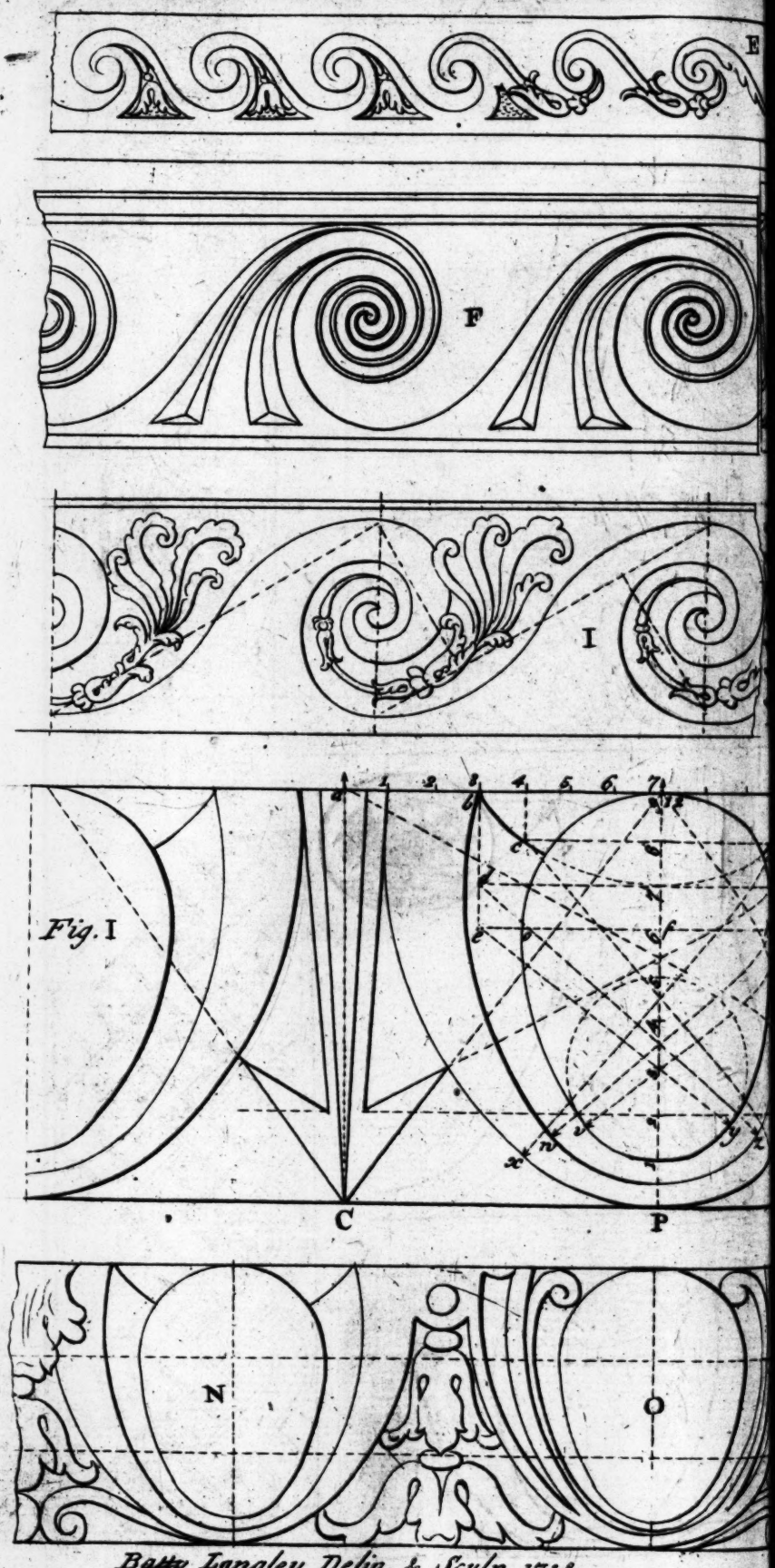

Raking Ovolo
Fig. IV


Raking Cymatium
Fig. V

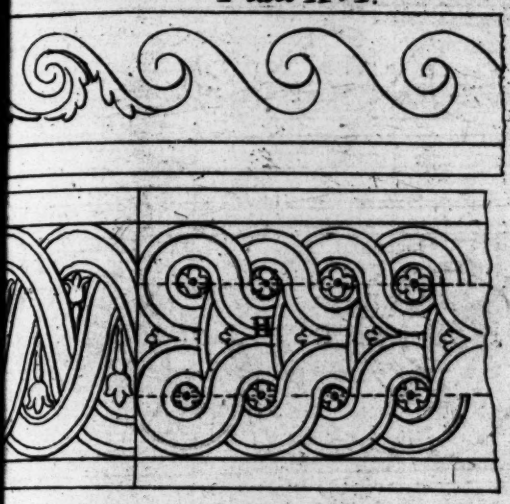

Raking Cima reversa
Fig. VI


Raking Cima recta
Fig. VIII



Batty Langley Delin. & Sculp. 1738.

E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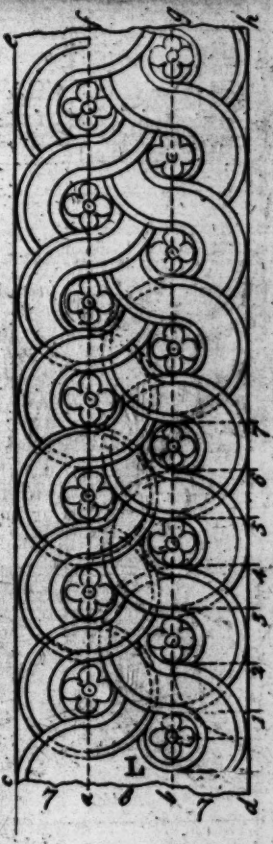
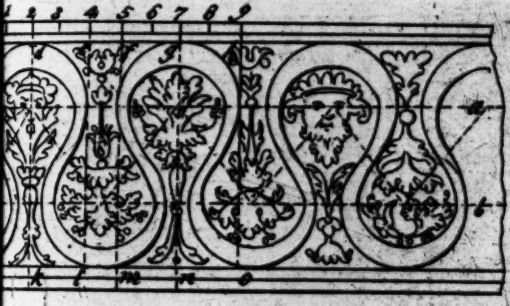
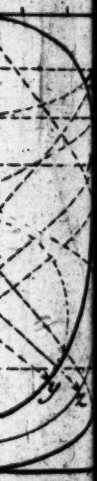
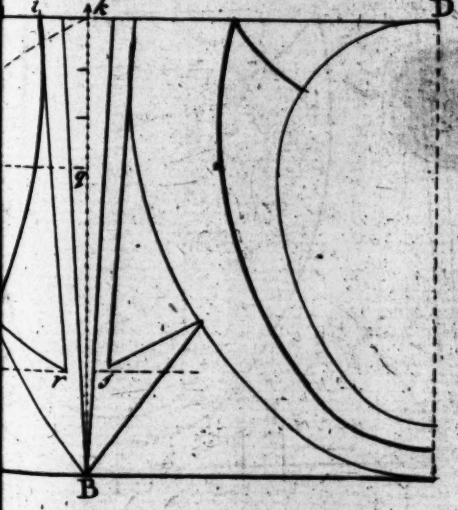
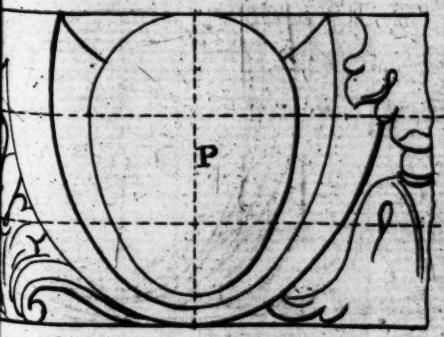

L






D
B

M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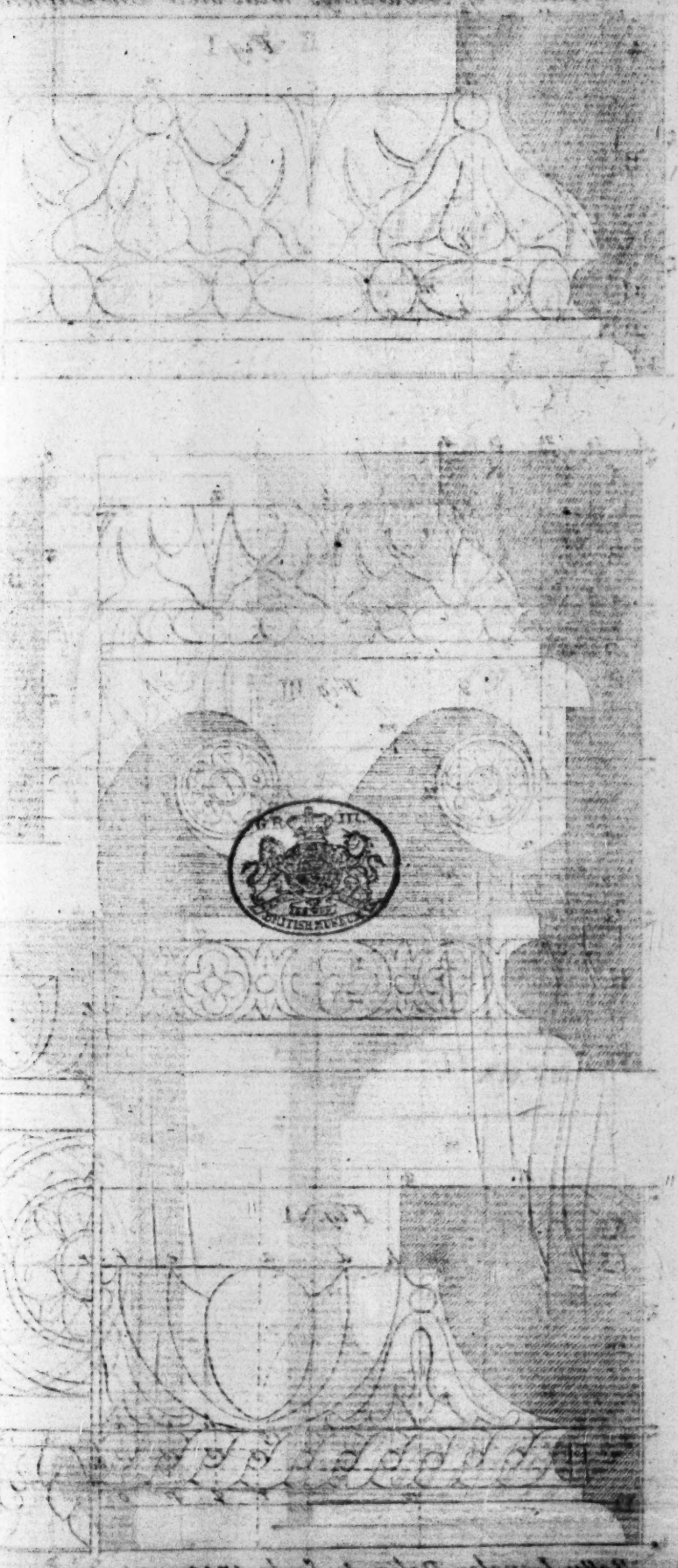
GR III
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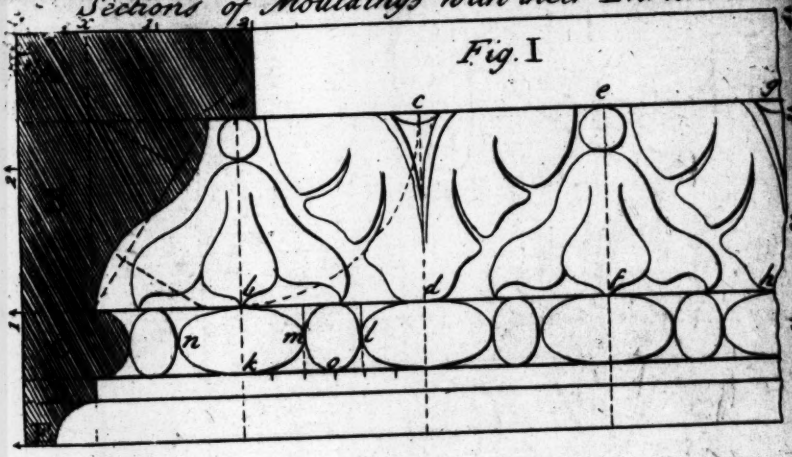
Sections of Mouldings with their Enrichments for ...els an...

Fig. I



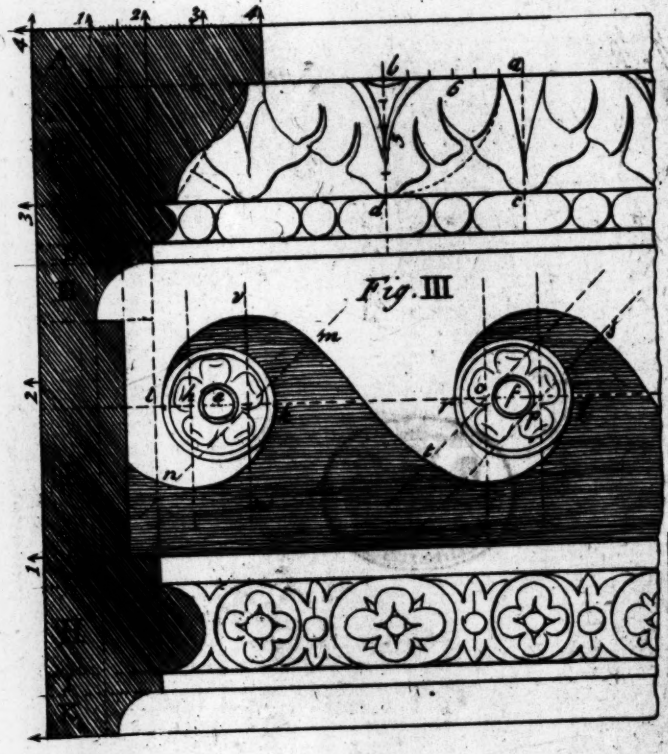


Fig. III

Fig. VI

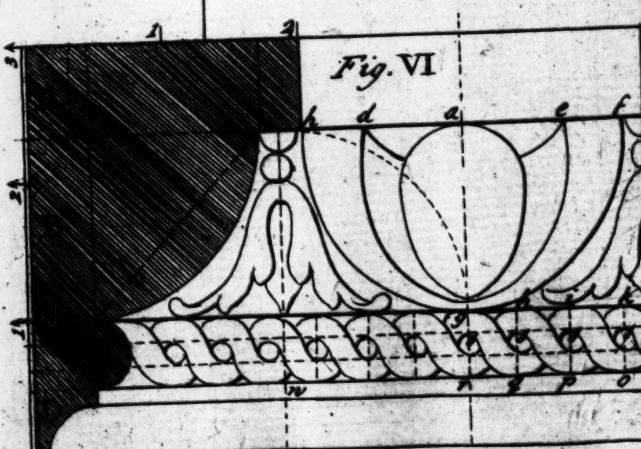


Fig.

Rolt. Langley Delin. & Sculp. 1741

Fig. II

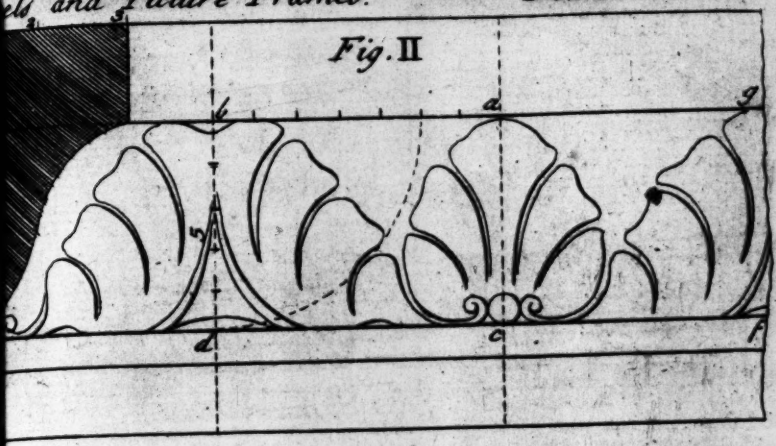


Fig. IV

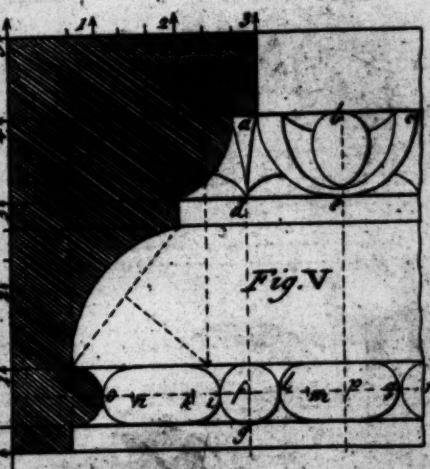
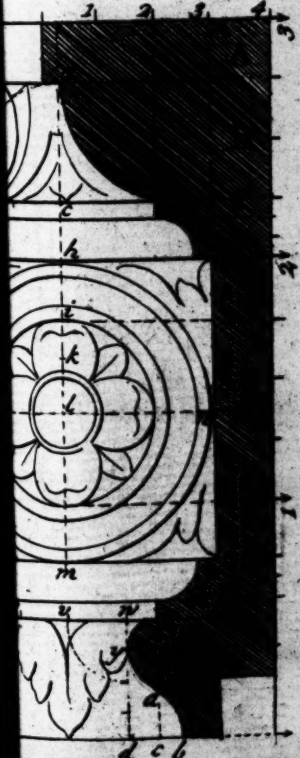


Fig. V



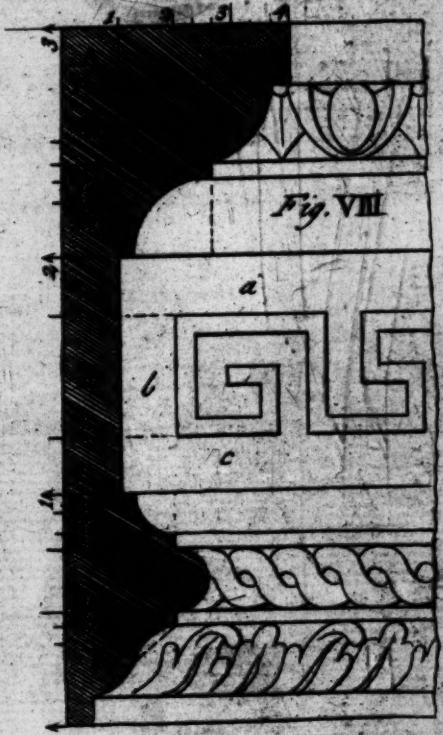
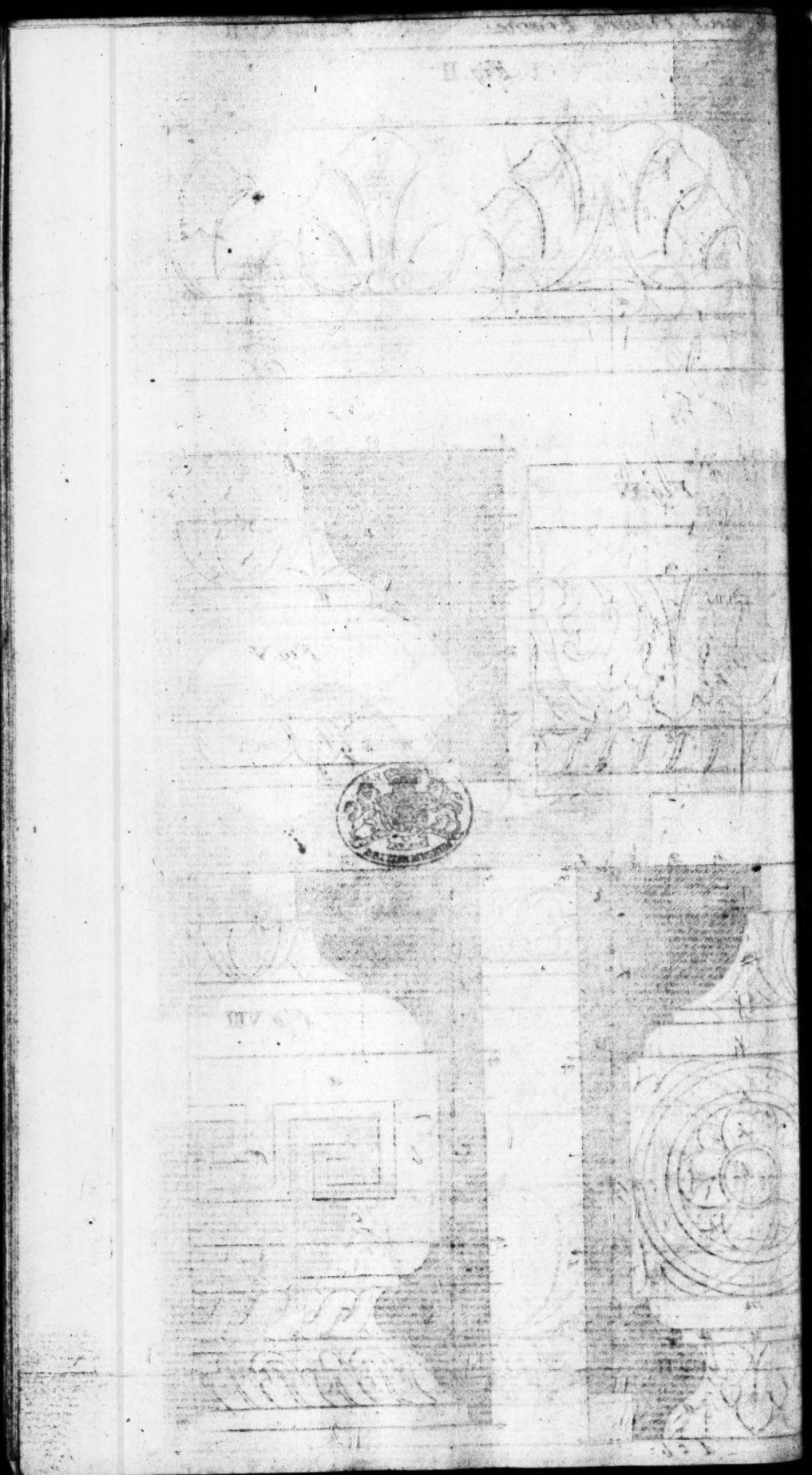
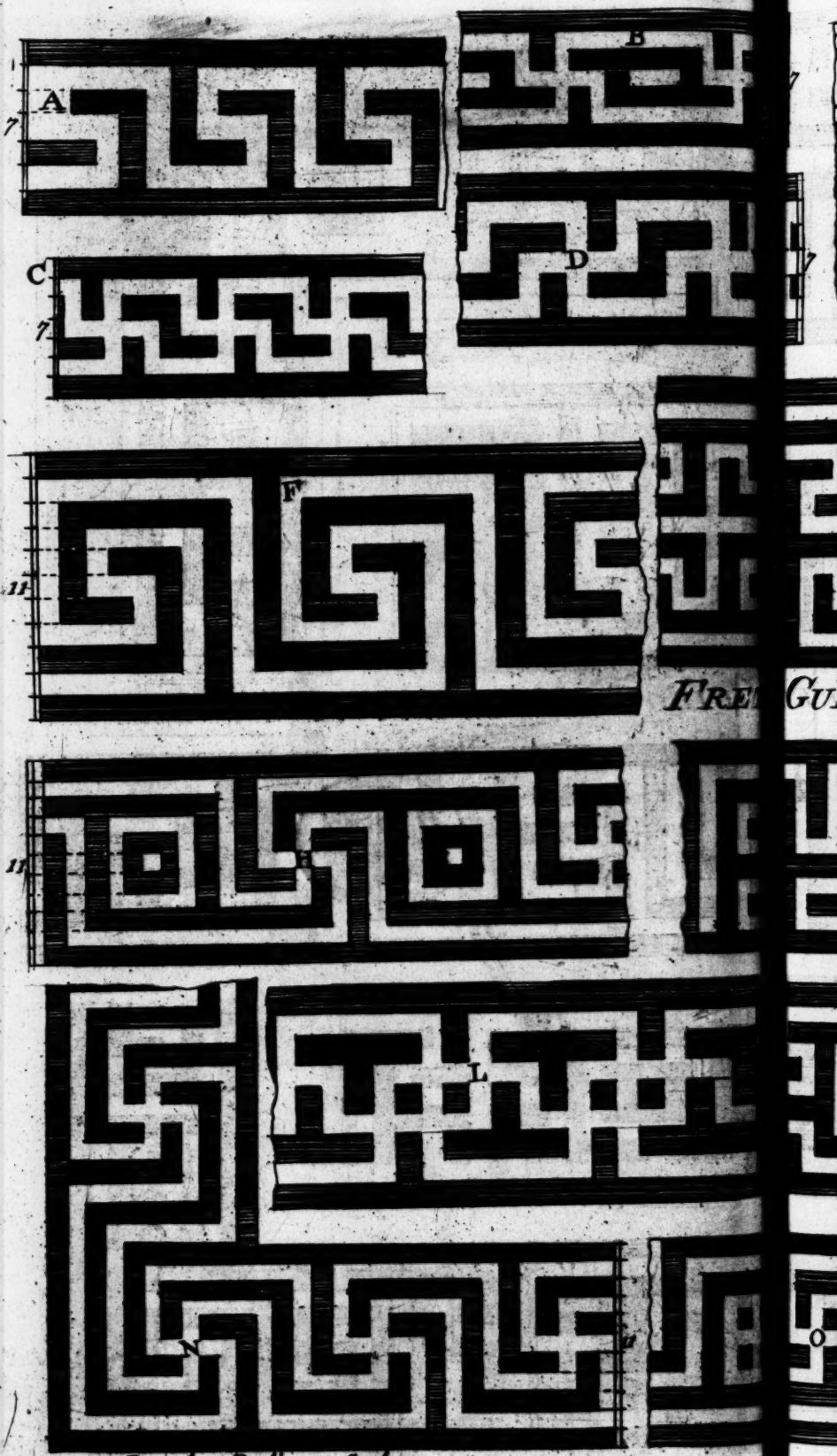


Fig. VIII



G R
III
BRITISH MUSEUM



Batty Langley Delin & Sculp. 1738.

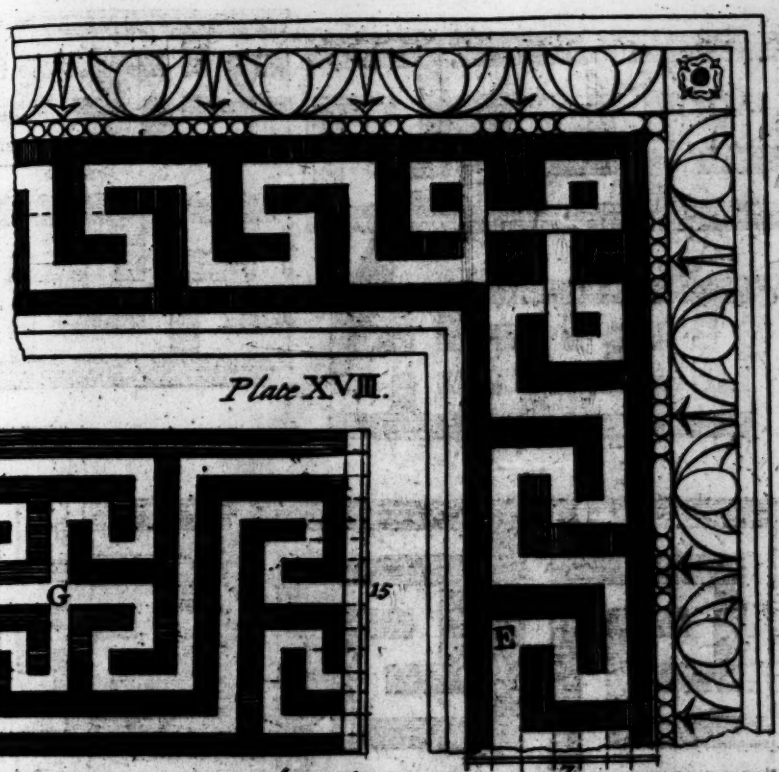
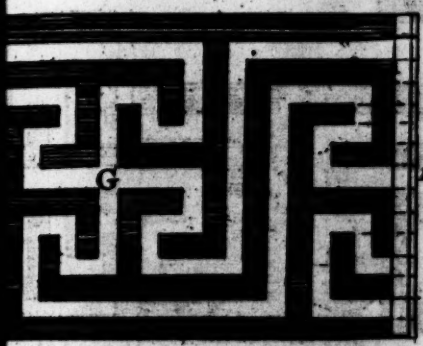
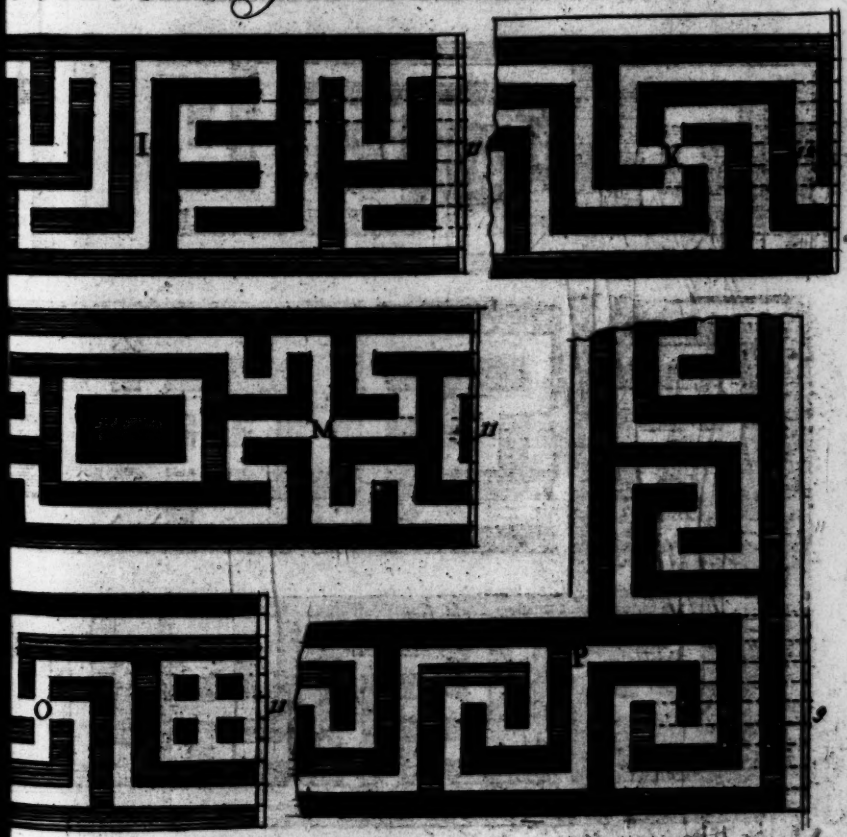


Plate XVIII.

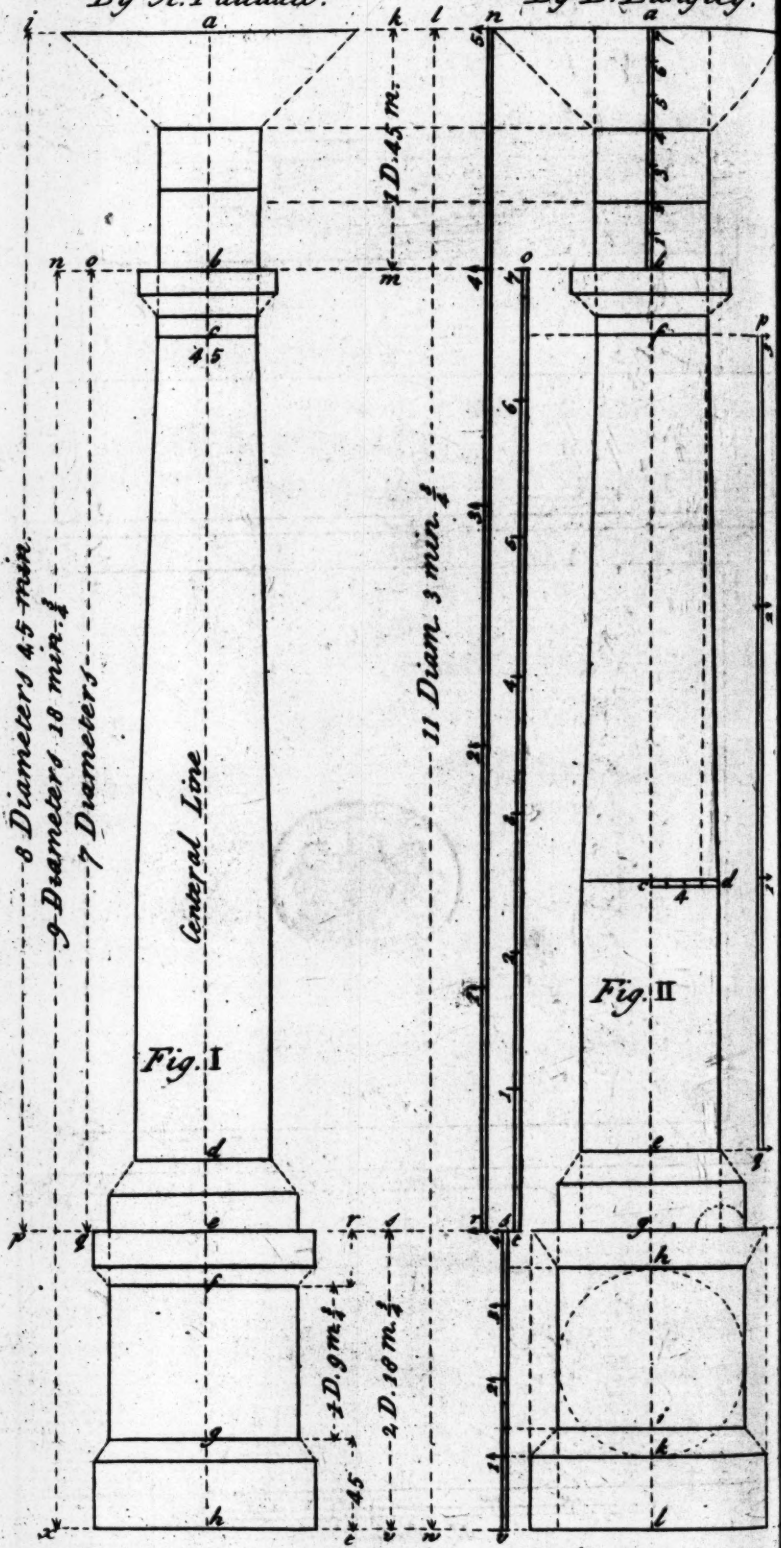


GUILOCHIS of the Ancients



The Principal Parts of the Tuscan Order.

By A. Palladio. *By B. Langley.*



Batty Langley Invent. Delin. & Sculp. 1738.

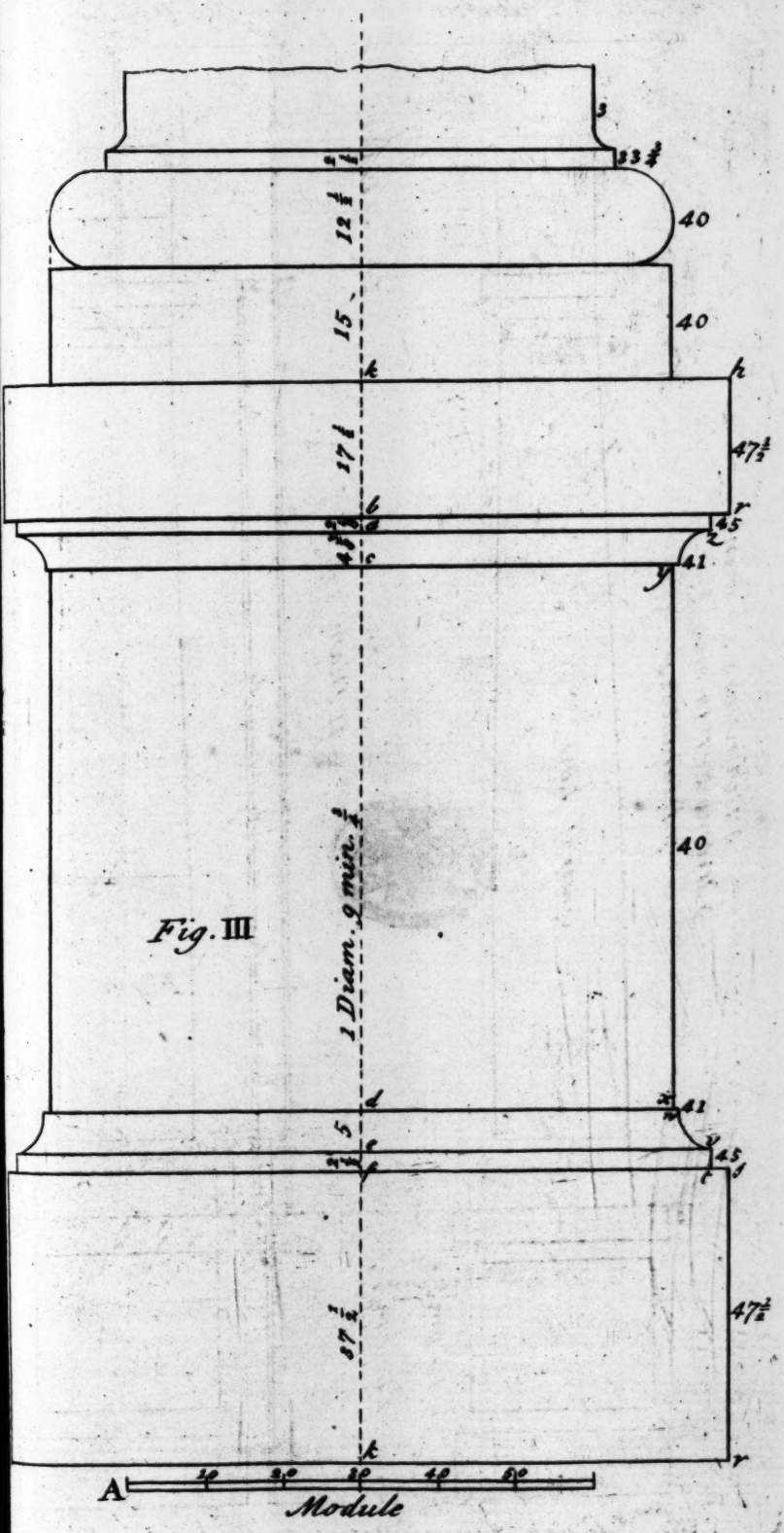

53 3/4
12 1/2
40
15
40
17 1
47 1/2
45
41
40
1 Diam. 9 min. 1/2
41
5
45
47 1/2
A
10 20 30 40 50
Module

Fig. III

GEORGIUS III
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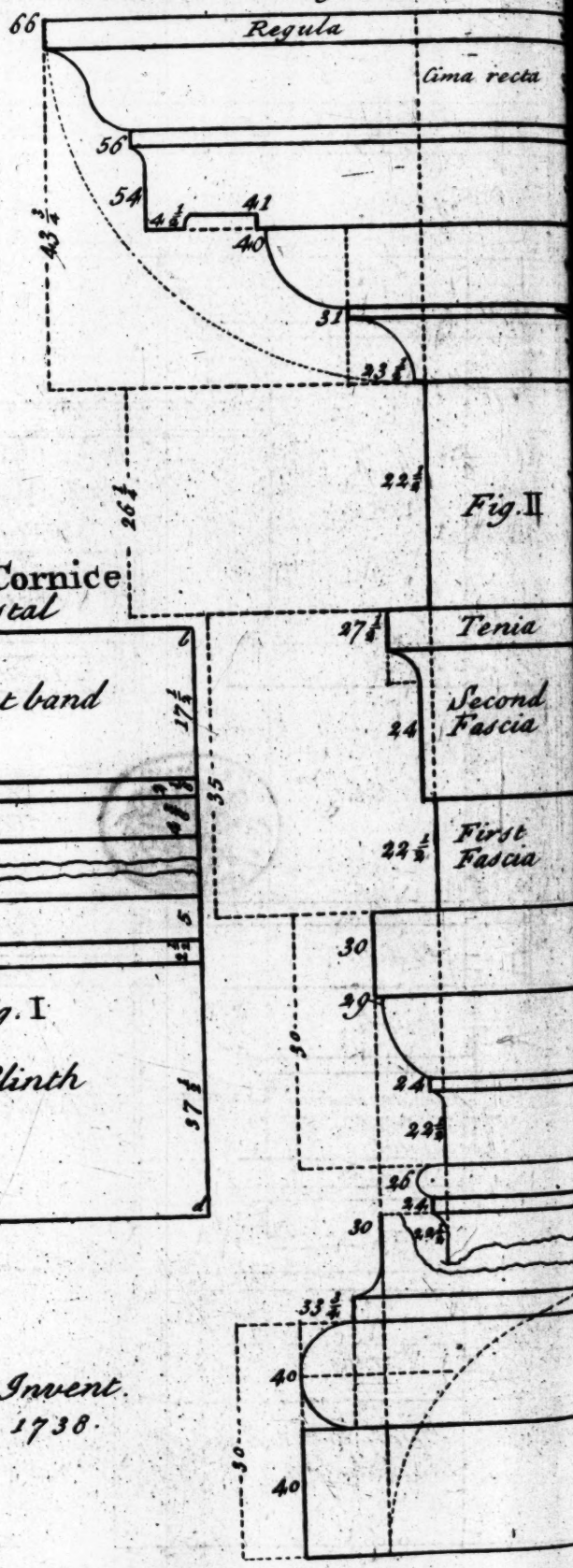
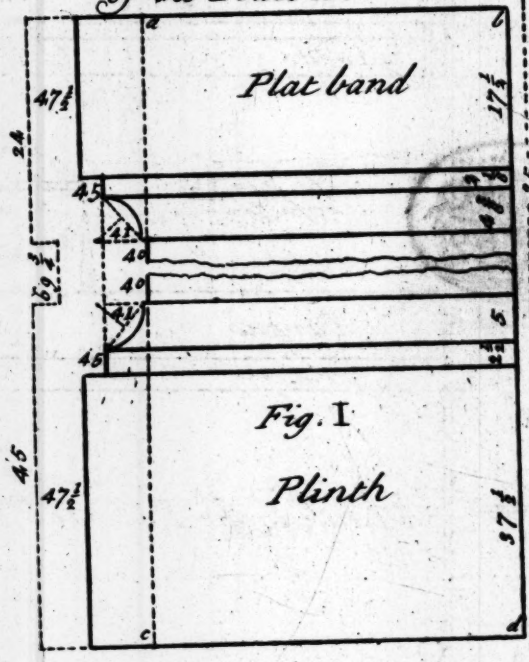
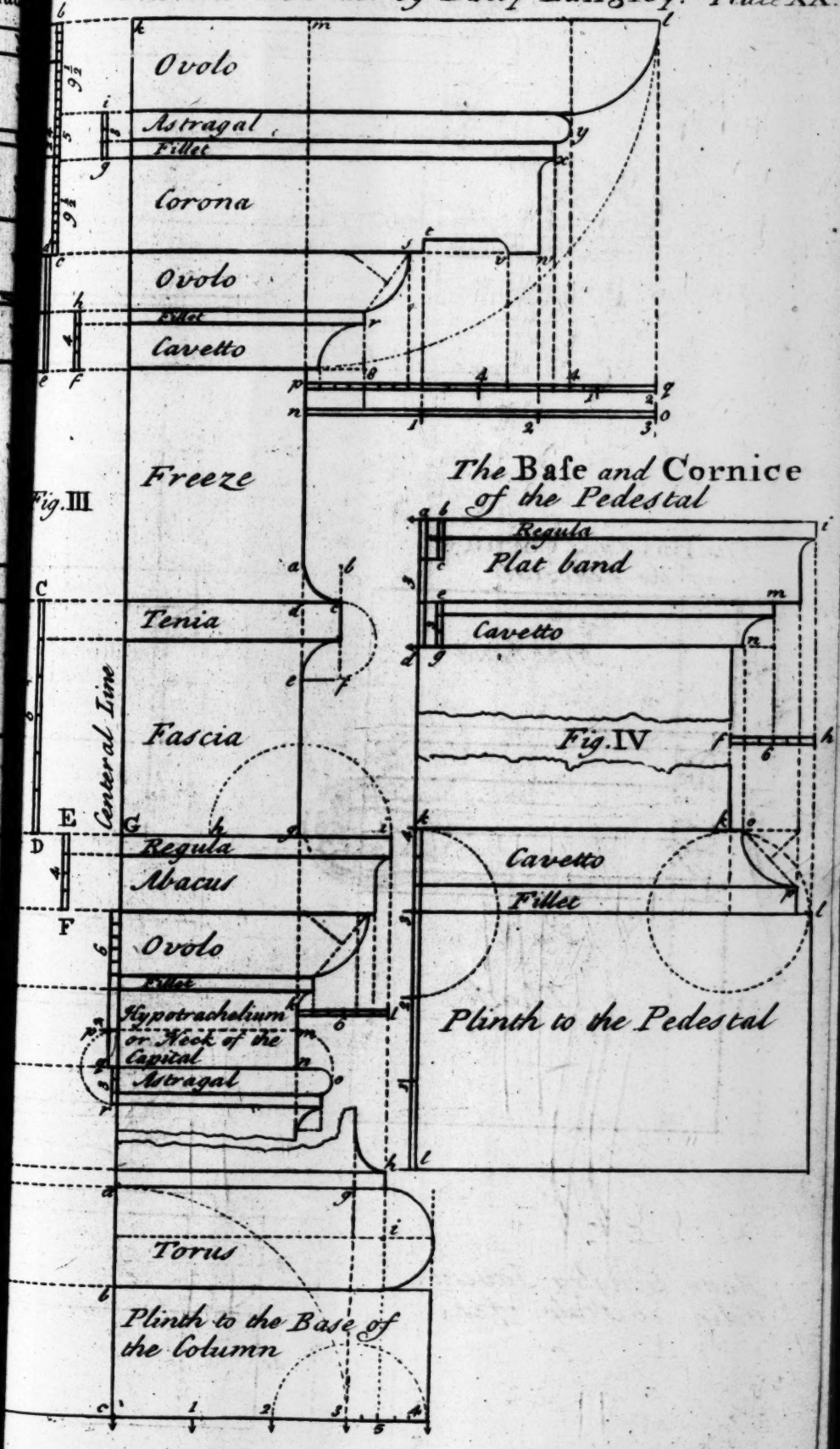
The Tuscan Order by Andrea Palla

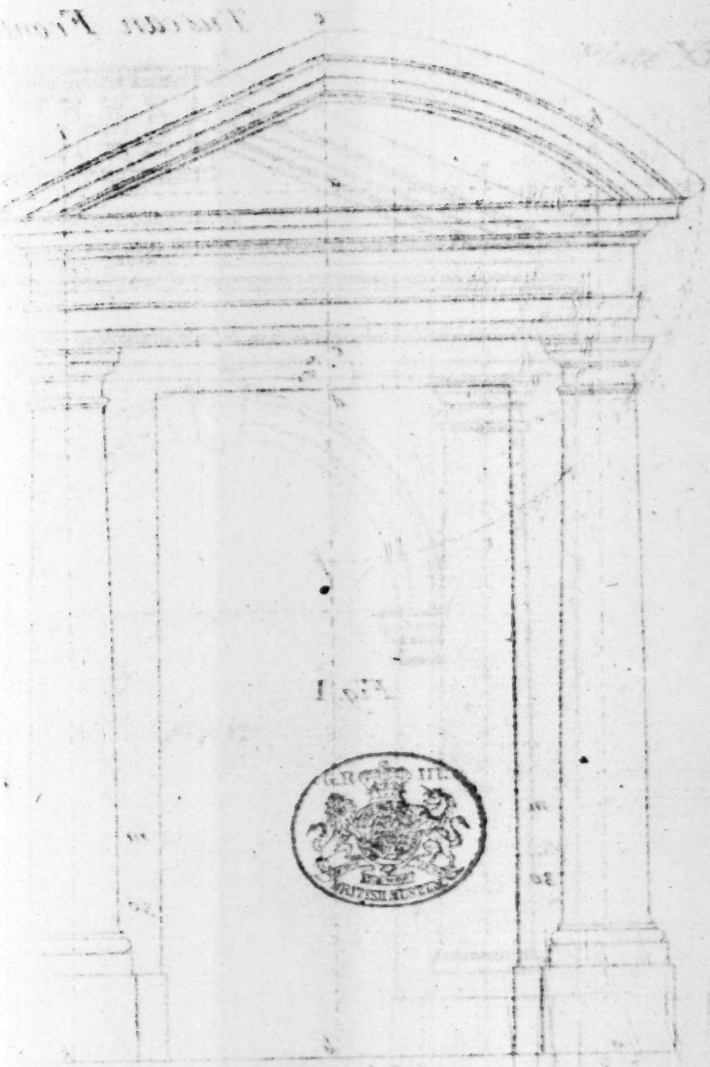


The Base and Cornice of the Pedestal



Batty Langley Invent. Delin. et Sculp. 1738.


Ovolo
Astragal
Fillet
Corona
Ovolo
Fillet
Cavetto
Freeze
Tenia
Fascia
Regula
Abacus
Ovolo
Fillet
Hypotrachelium or Neck of the Capital
Astragal
Torus
Plinth to the Base of the Column
Centeral Line
Fig. III
The Base and Cornice of the Pedestal
Regula
Plat band
Cavetto
Fig. IV
Cavetto
Fillet
Plinth to the Pedestal



Tuscan Frontisp

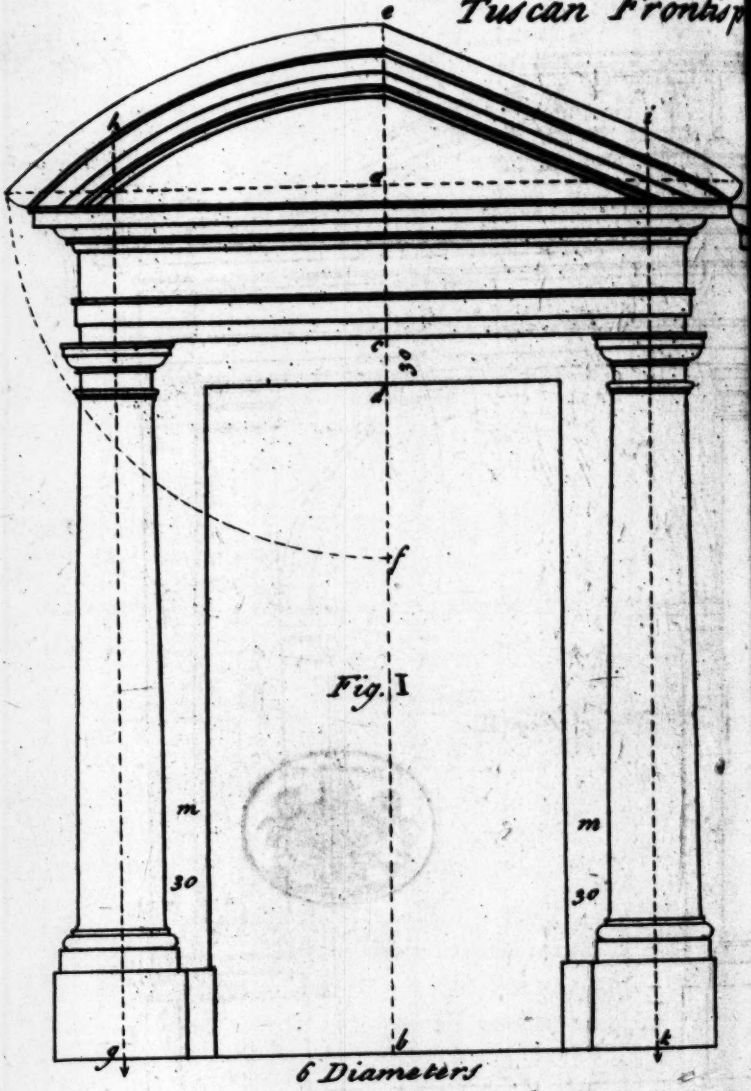


Fig. I

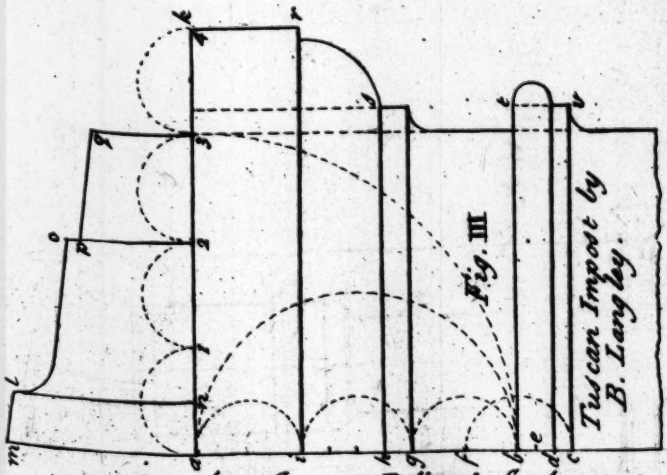


Fig. III

Tuscan Impost by B. Langley.

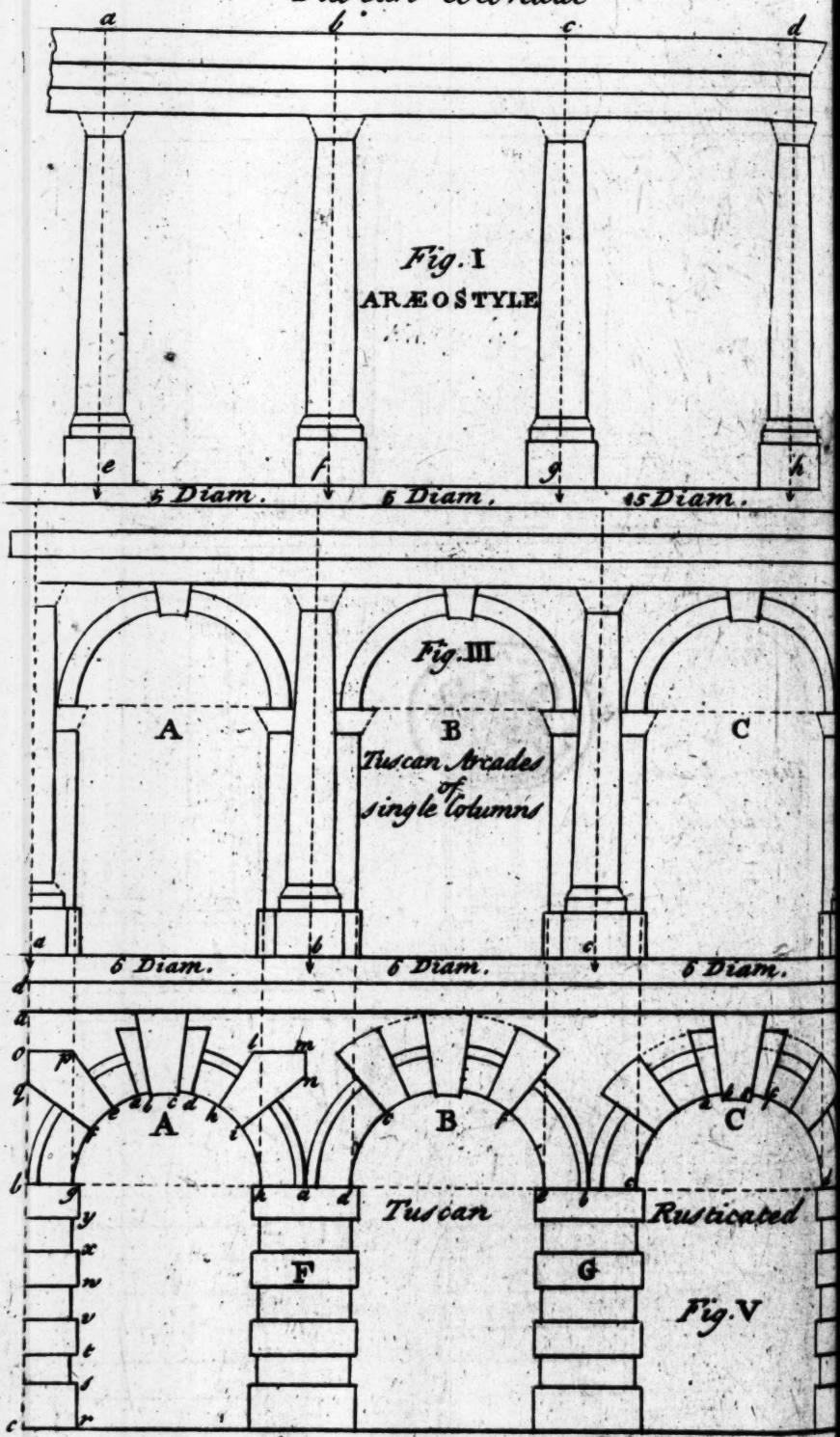
Batty Langley Invent. Delin. & Sculp. 1730.

Plate XXI.

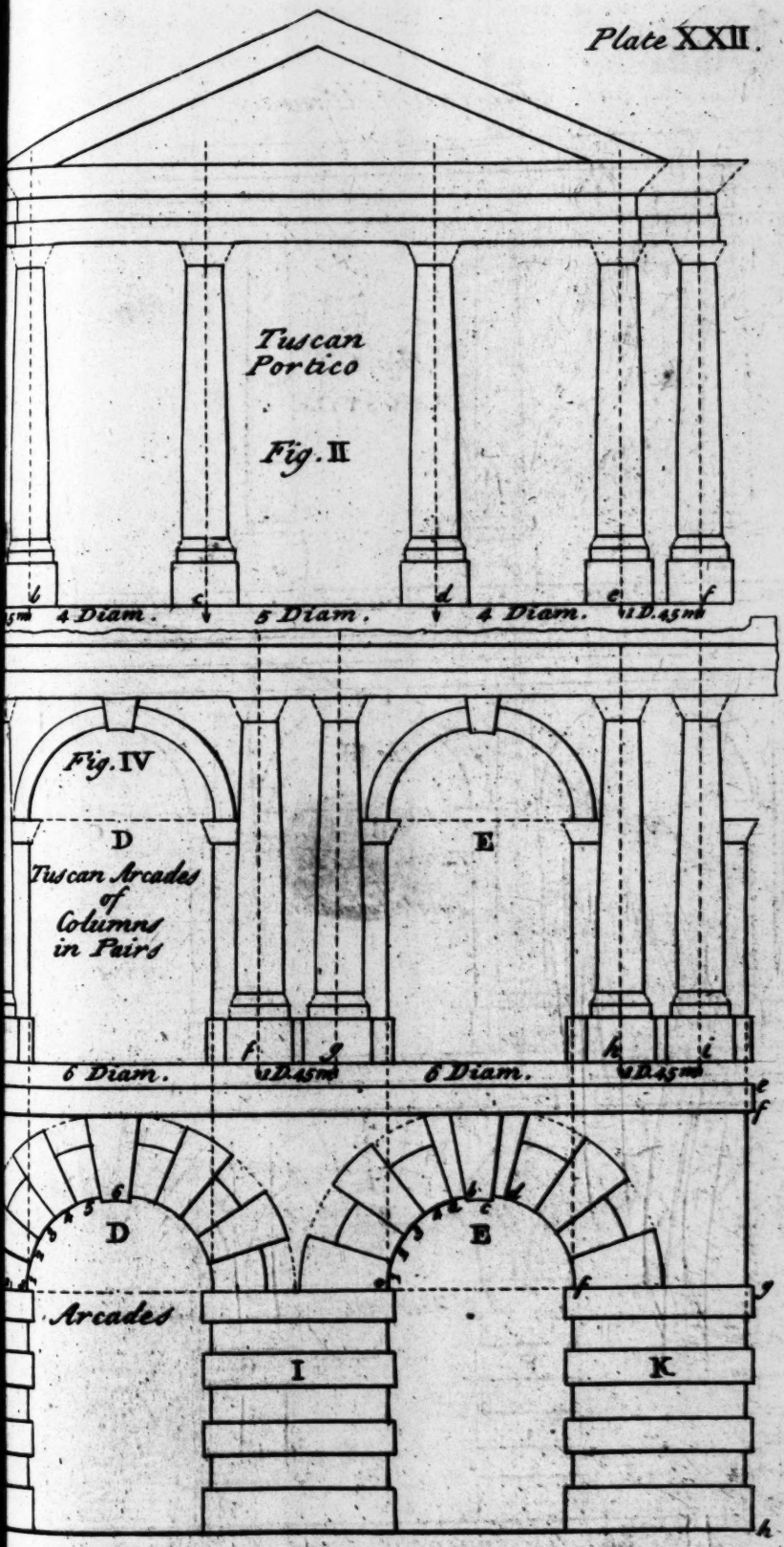
a
h
m
Fig. II
30
p
30
q
30
r
6 Diameters
Fig. IV
Tuscan Arcade
40
40
3 Diameters and ½

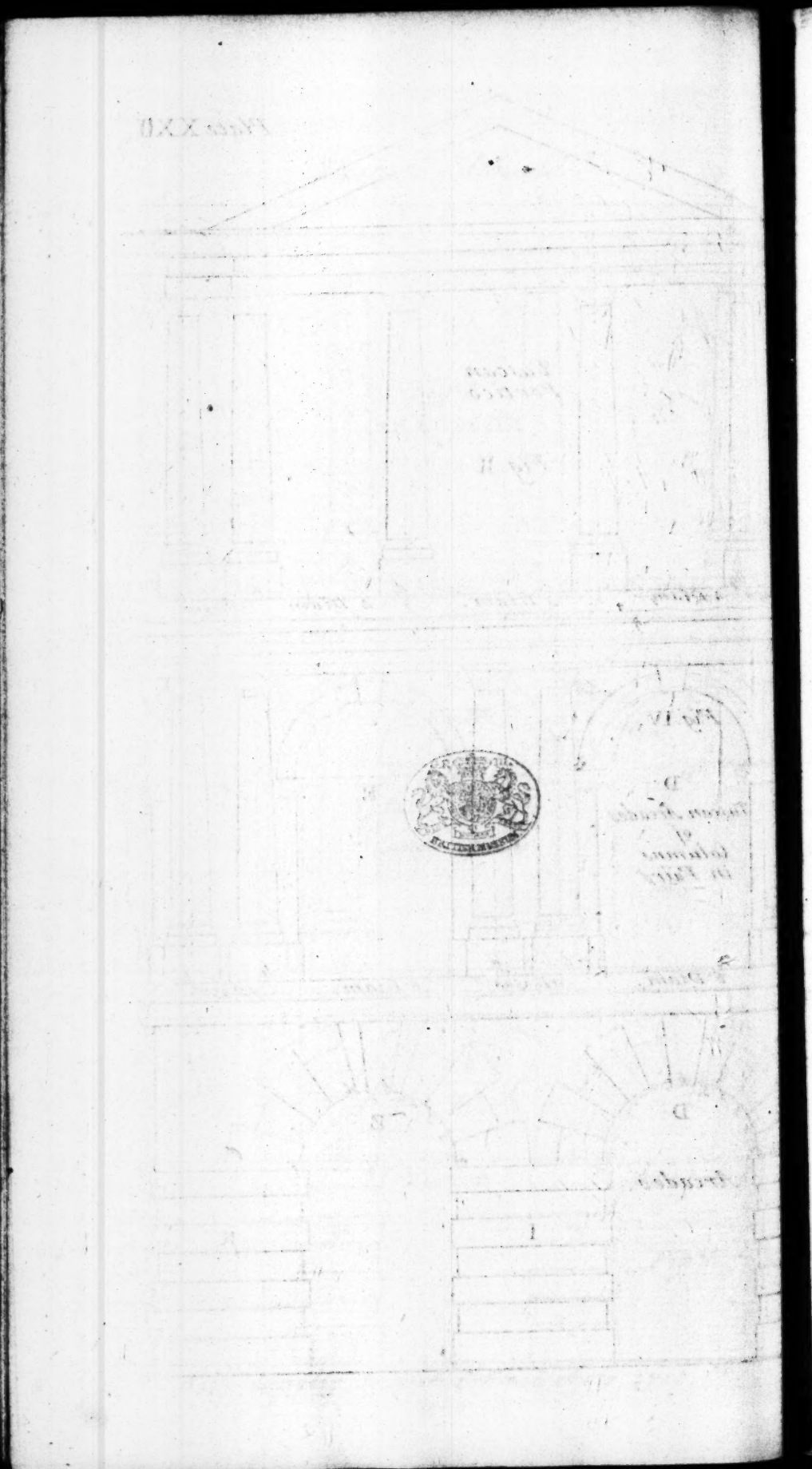
G.R.
BRITISH MUSEUM

Tuscan Colonade



Batty Langley Invent. Delin. & Sculp. 1738.


Tuscan
Portico
Fig. II
4 Diam.
5 Diam.
4 Diam.
Fig. IV
D
Tuscan Arcades
of
Columns
in Pairs
E
6 Diam.
6 Diam.
D
E
Arcades
I
K



By Andrea Palladio

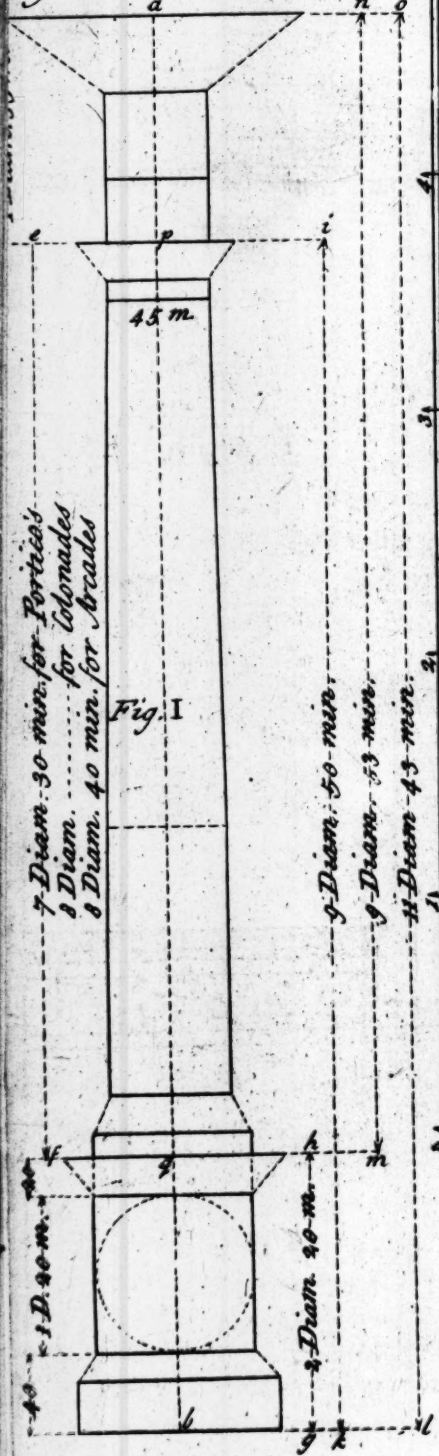


Fig. I

By Batty Langley

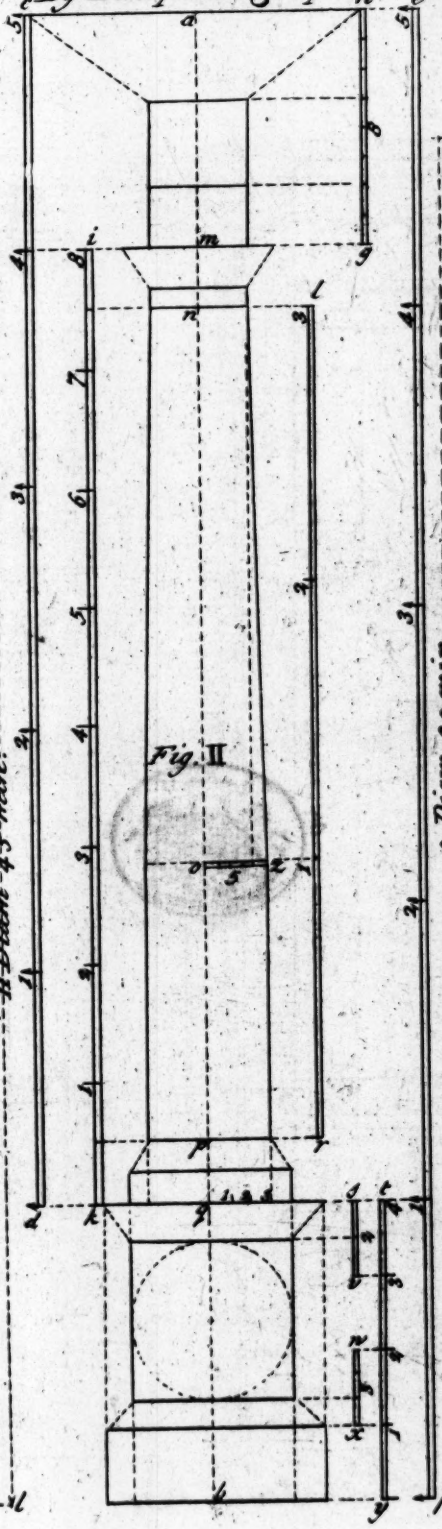


Fig. II

The Pr... Parts of ...

...ick Pede...
...a Palla...

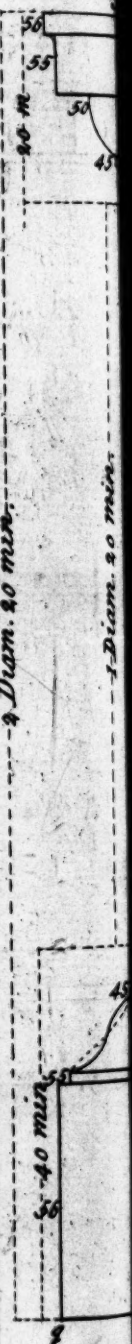


Fig...

Batty ... Invent...

Parts of the Dorick Order.

The Dorick Pedestal By Batty Langley

ick Pedestal a Palladio

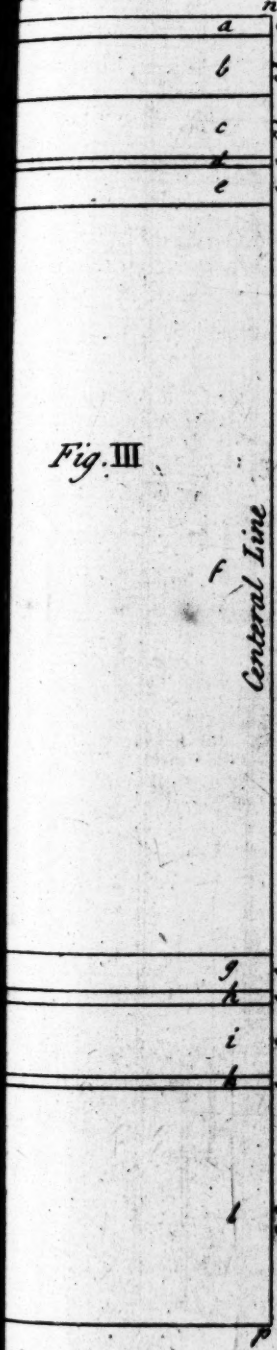


Fig. III

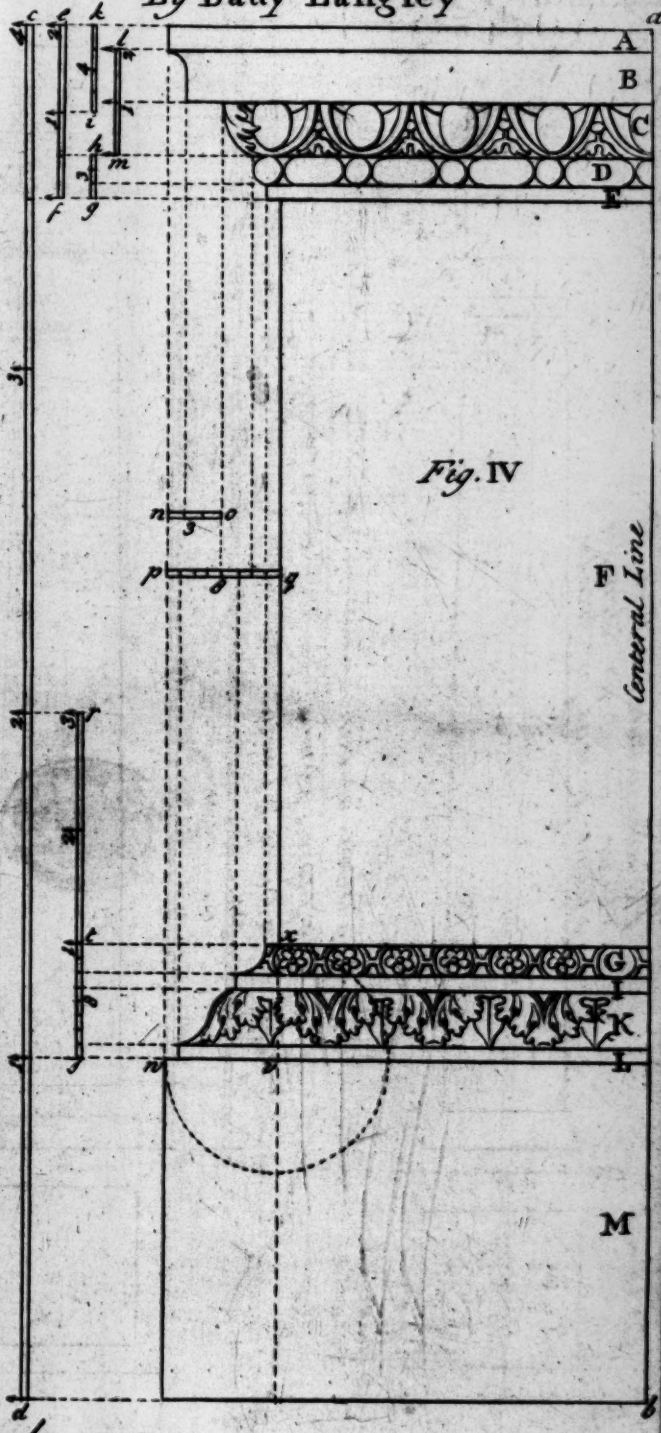
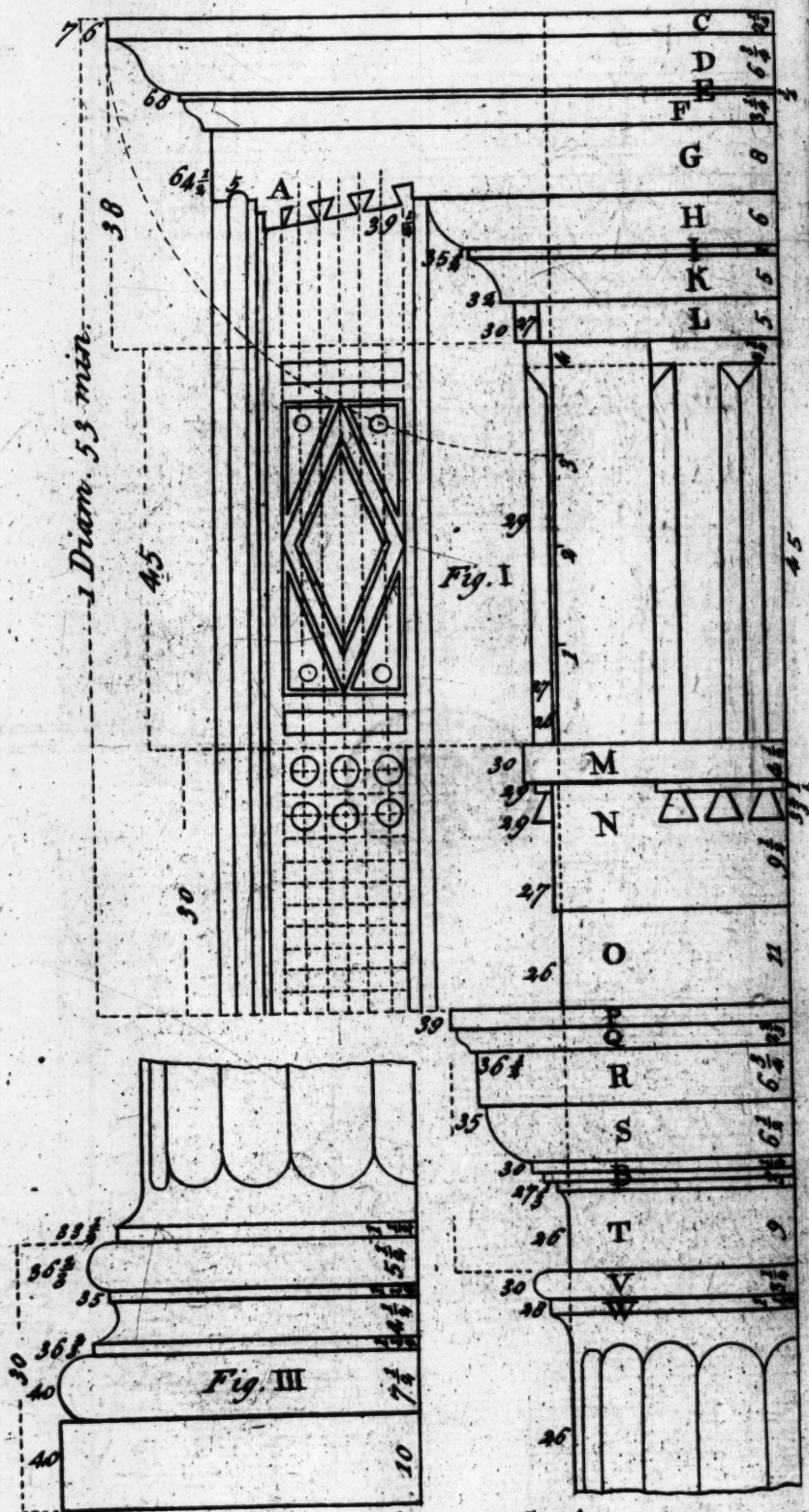


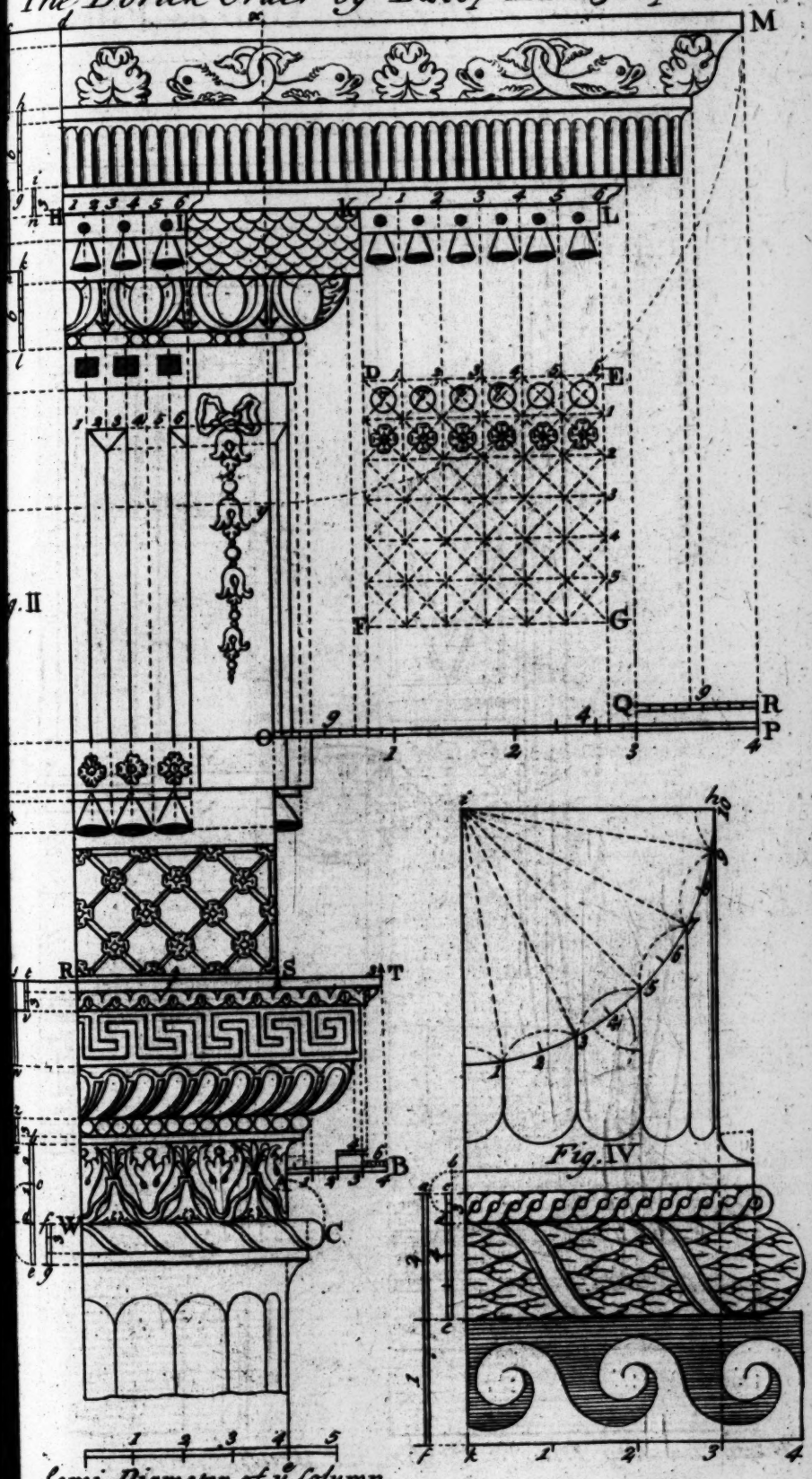
Fig. IV

Invent. Delin. & Sculp. 1738.

The Dorick Order by Andrea Palladio.



Batty Langley Invent. Delin. et Sculp. 1738.


M
H
K
L
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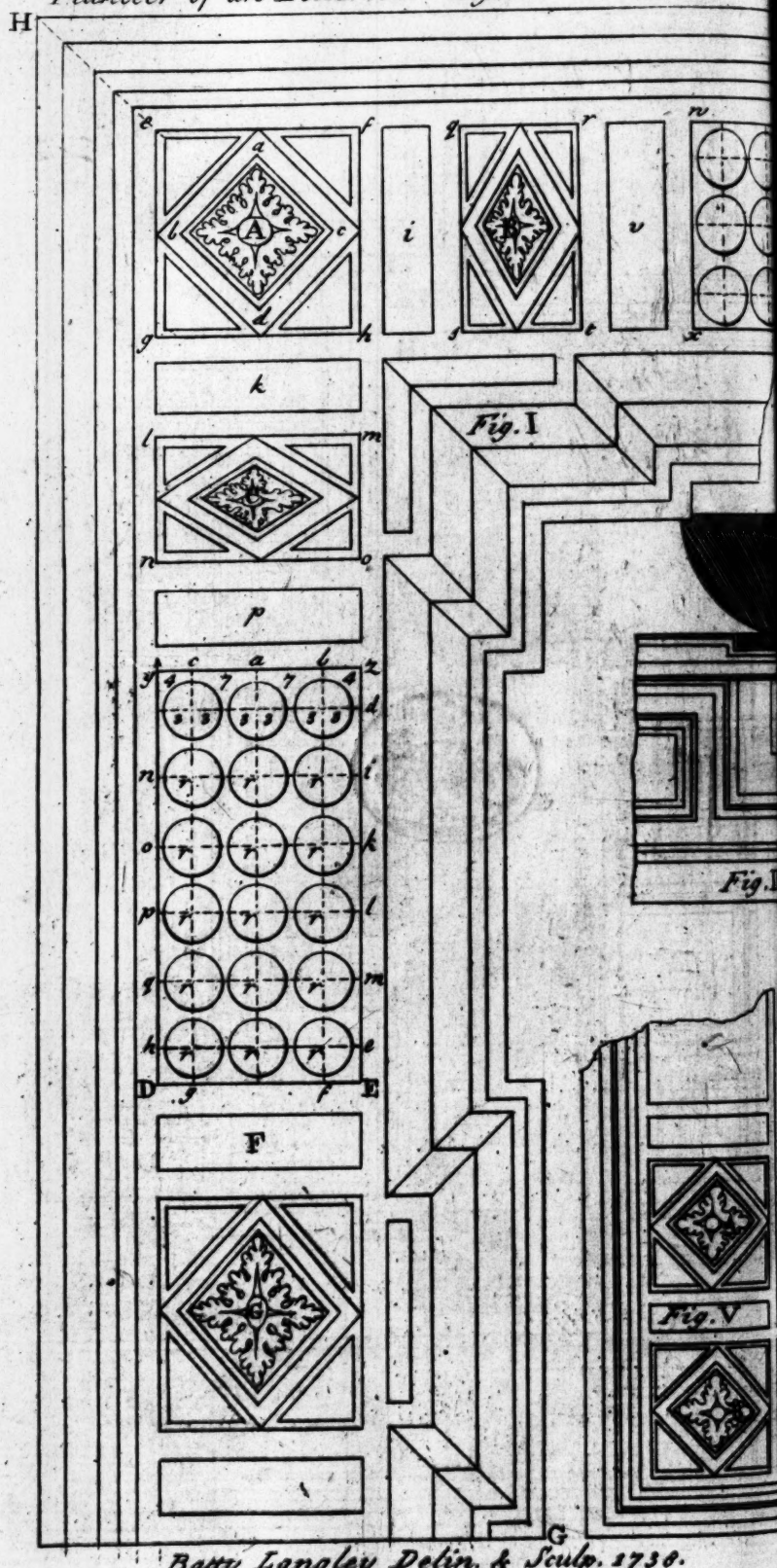
C
Fig. II
Fig. IV
Semi Diameter of y^e Column.

G. R. III.
BRITISH MUSEUM

Planceer of an External Angle



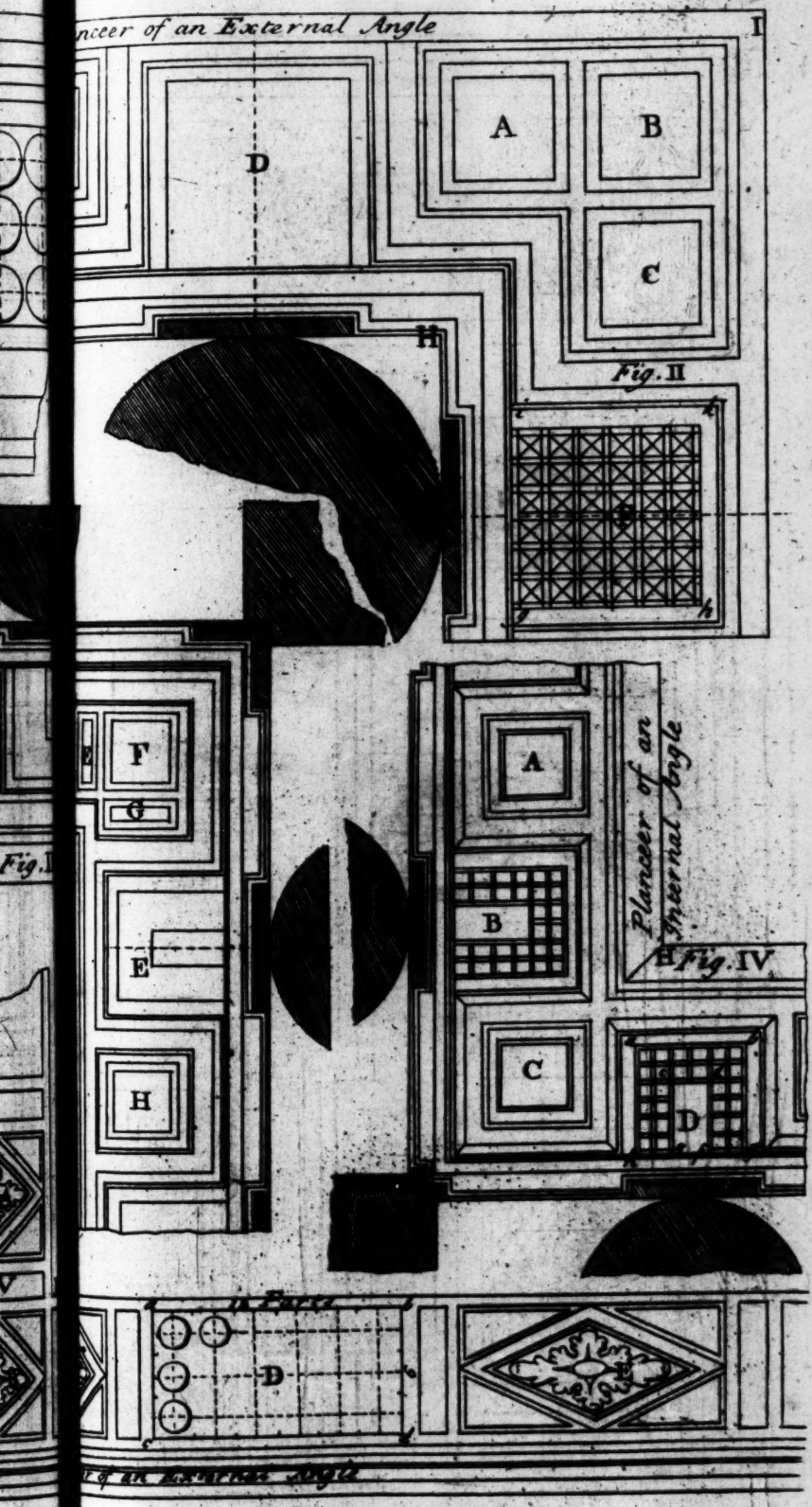

nceer of an External Angle
I
A
B
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Fig. II
F
G
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H
A
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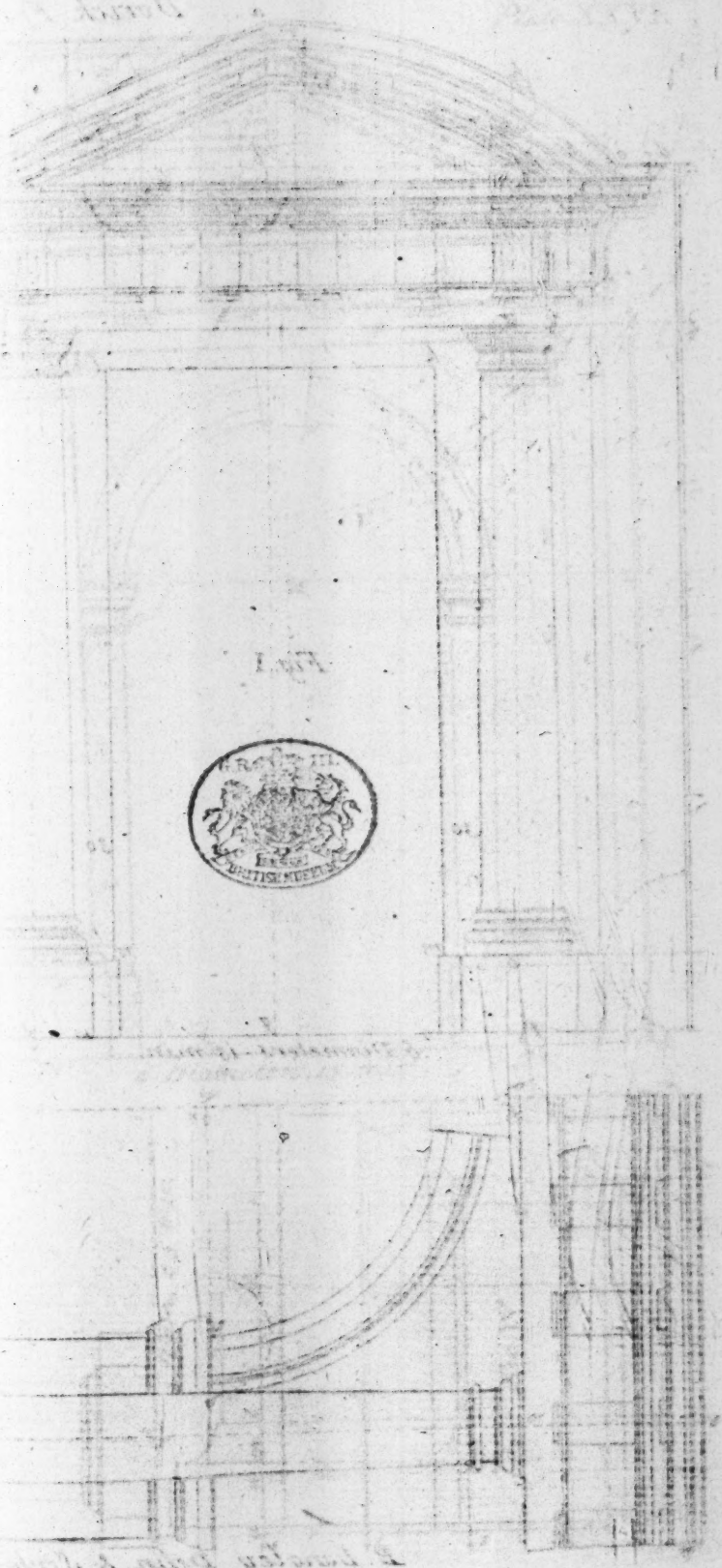
Planceer of an Internal Angle
H Fig. IV
D



Dorick Frontisp

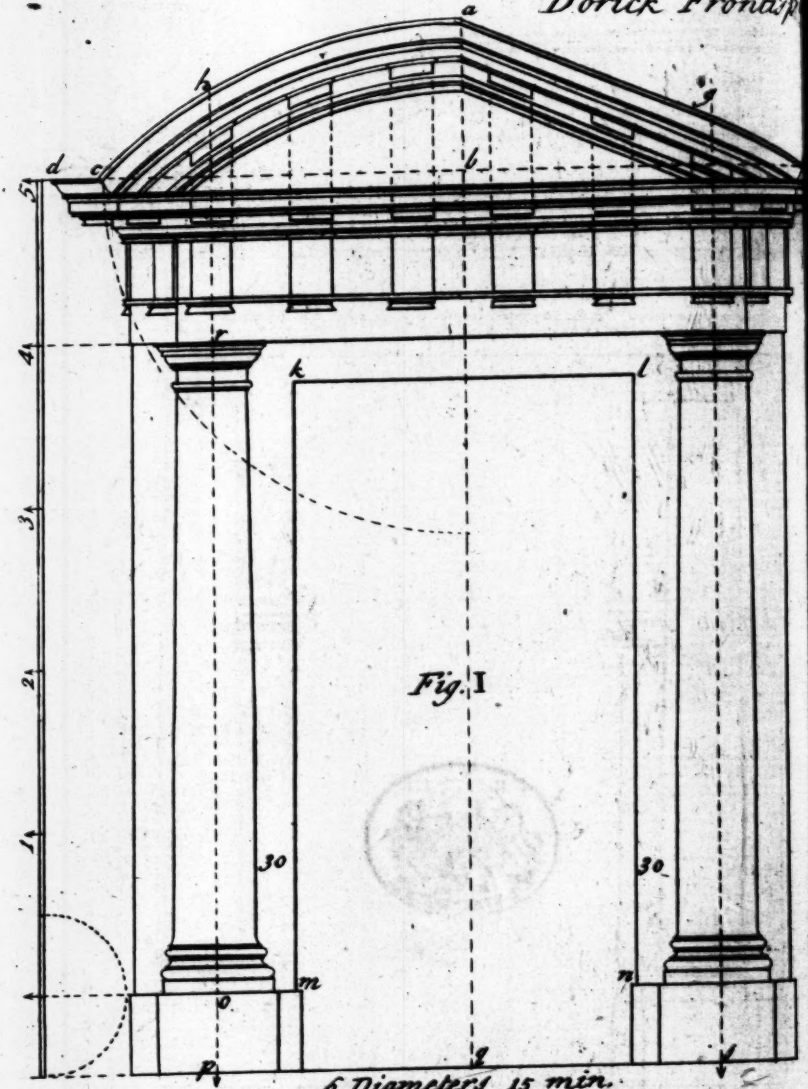
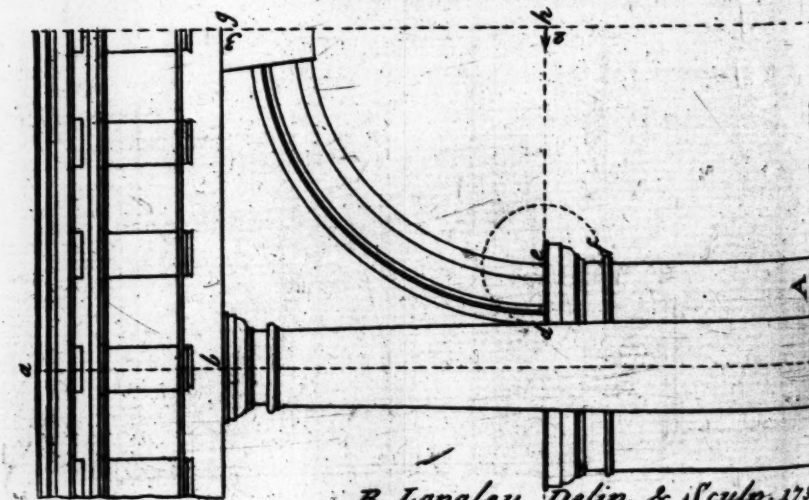


Fig. I

6 Diameters 15 min.



B. Langley Delin. & Sculp. 173

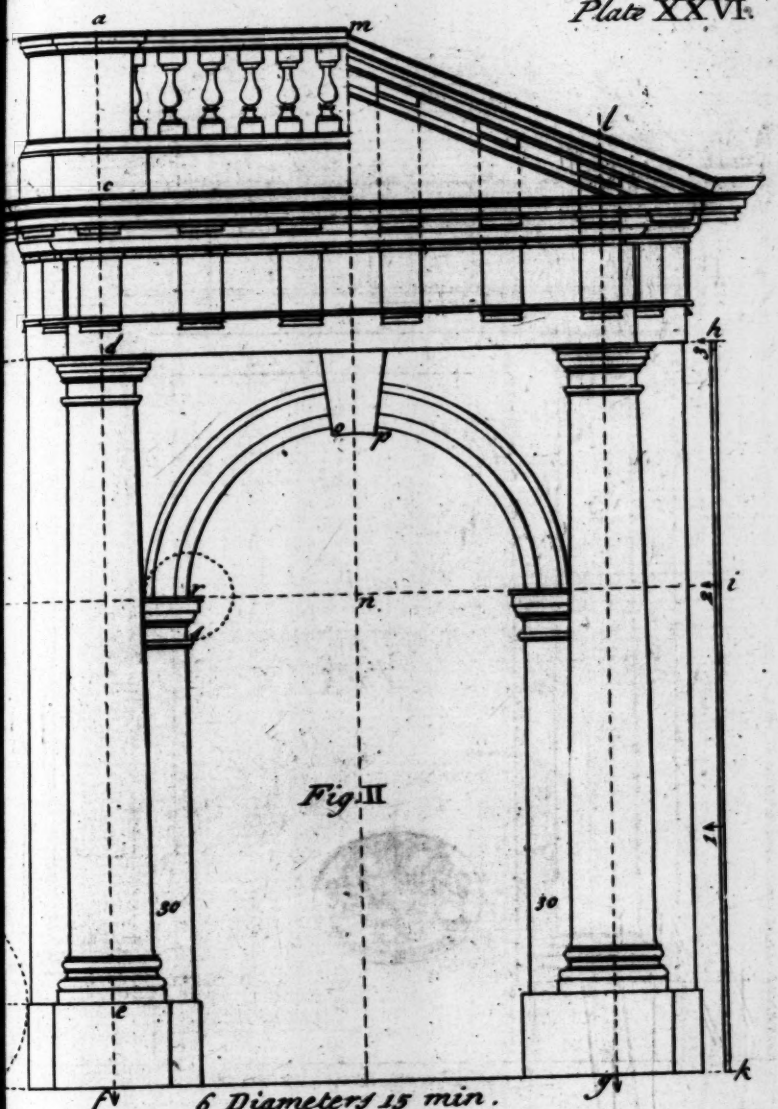
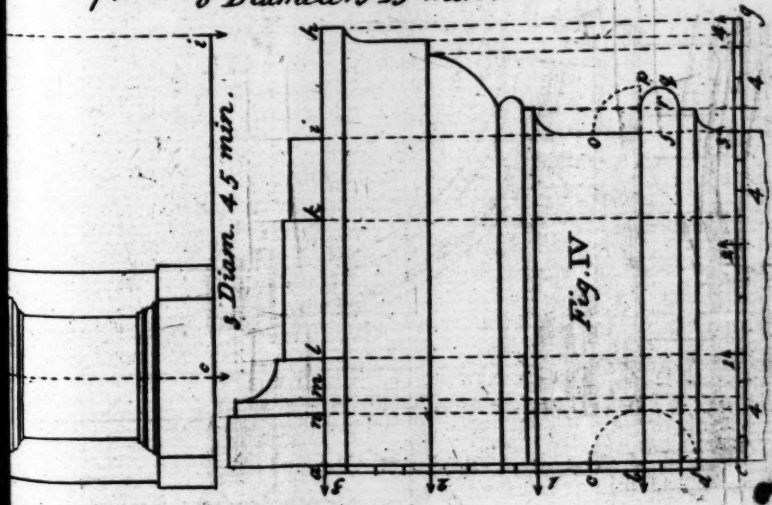
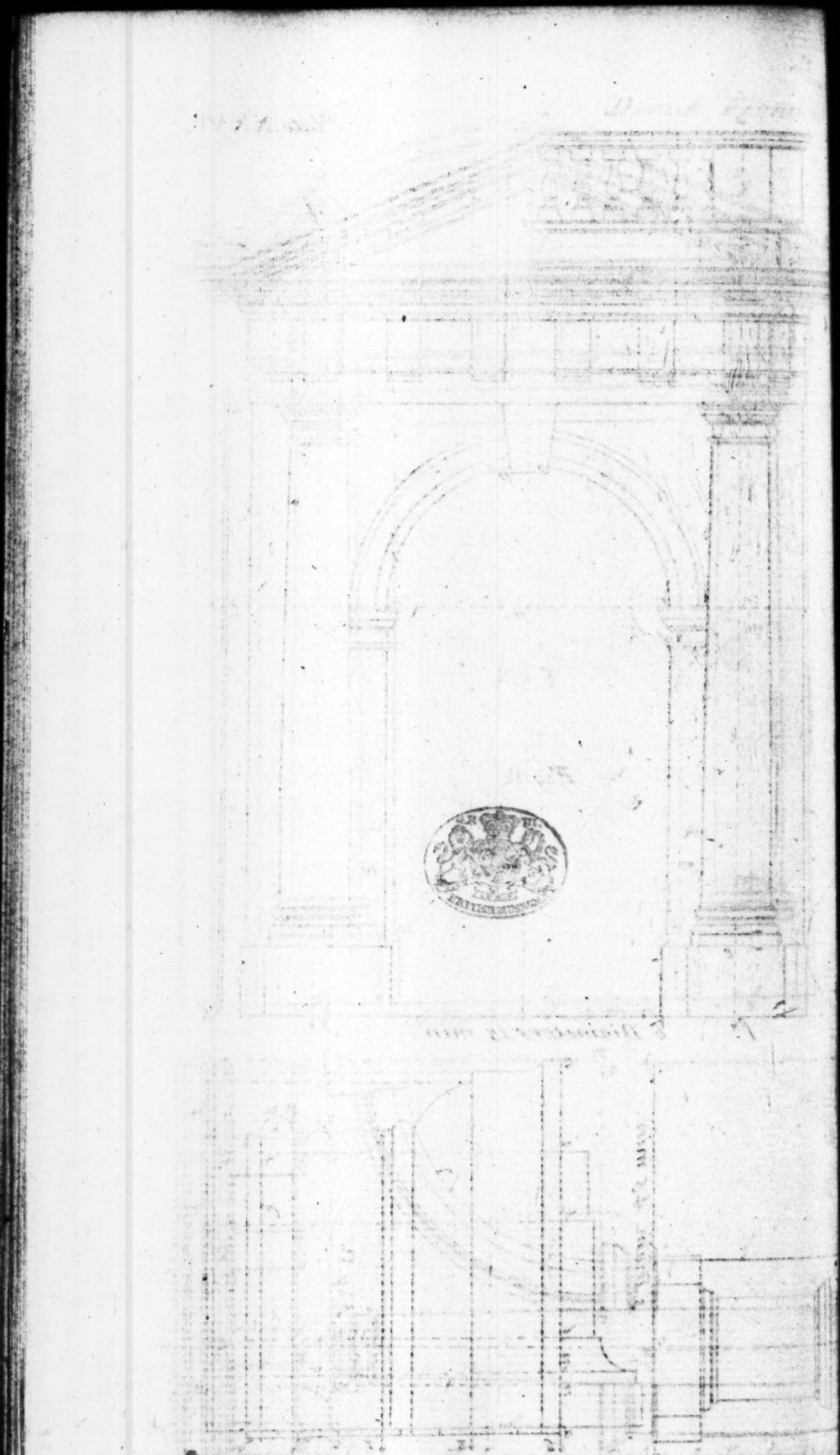
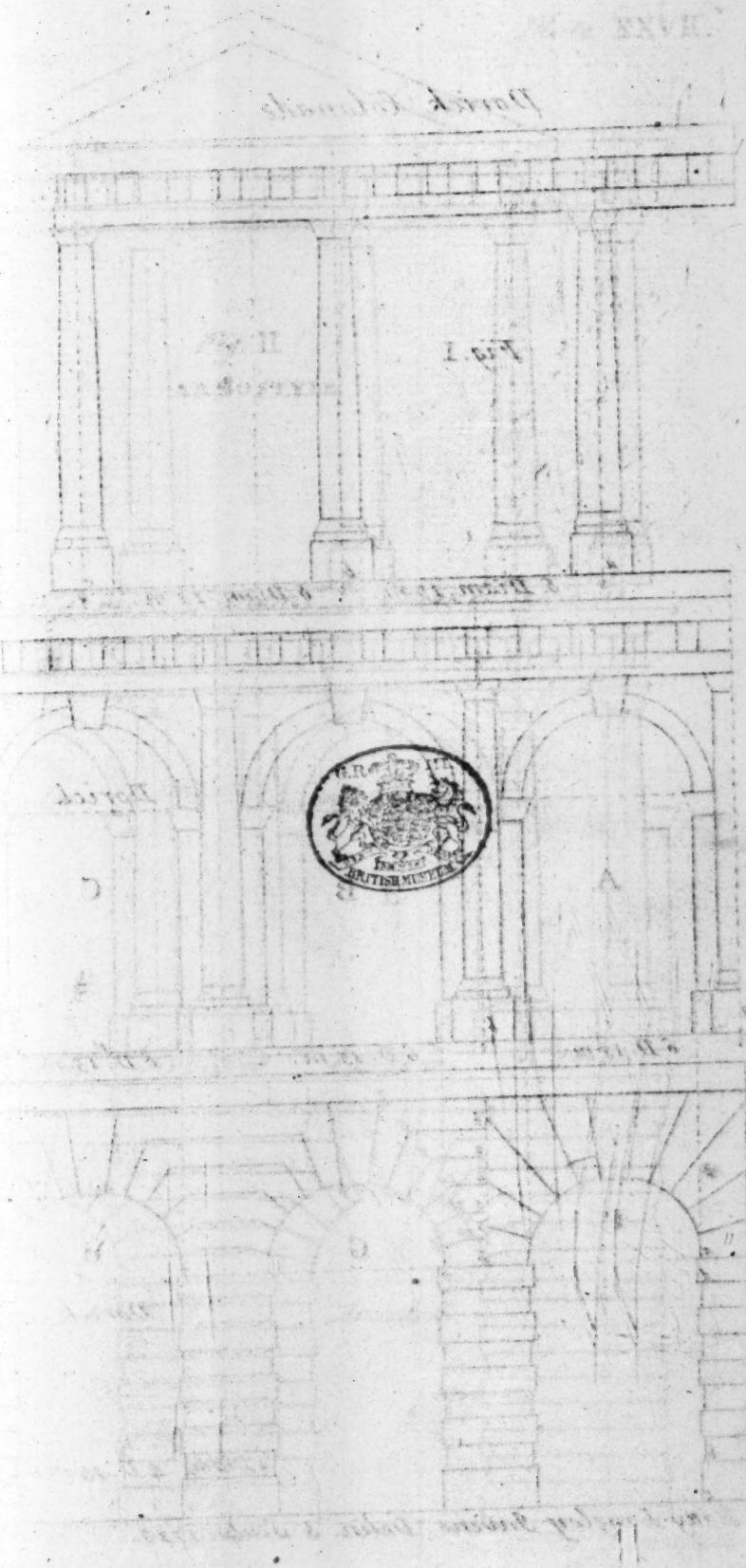


Fig. III

6 Diameters 15 min.






BRITISH MUSEUM

Dorick Colonade

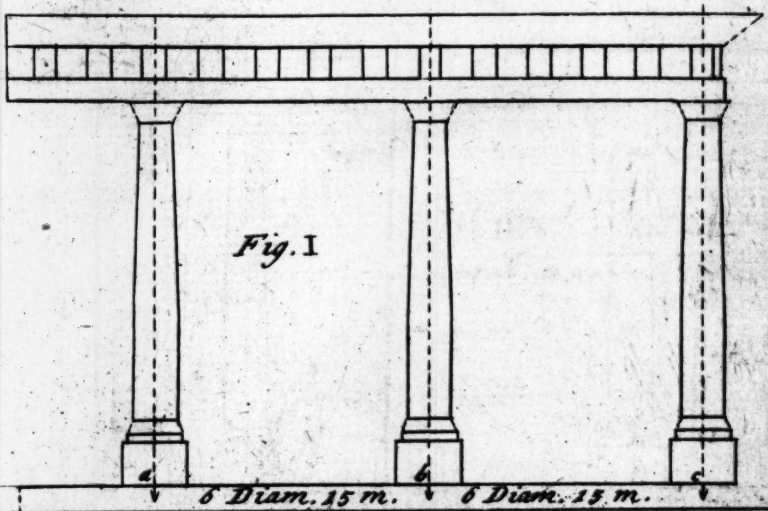
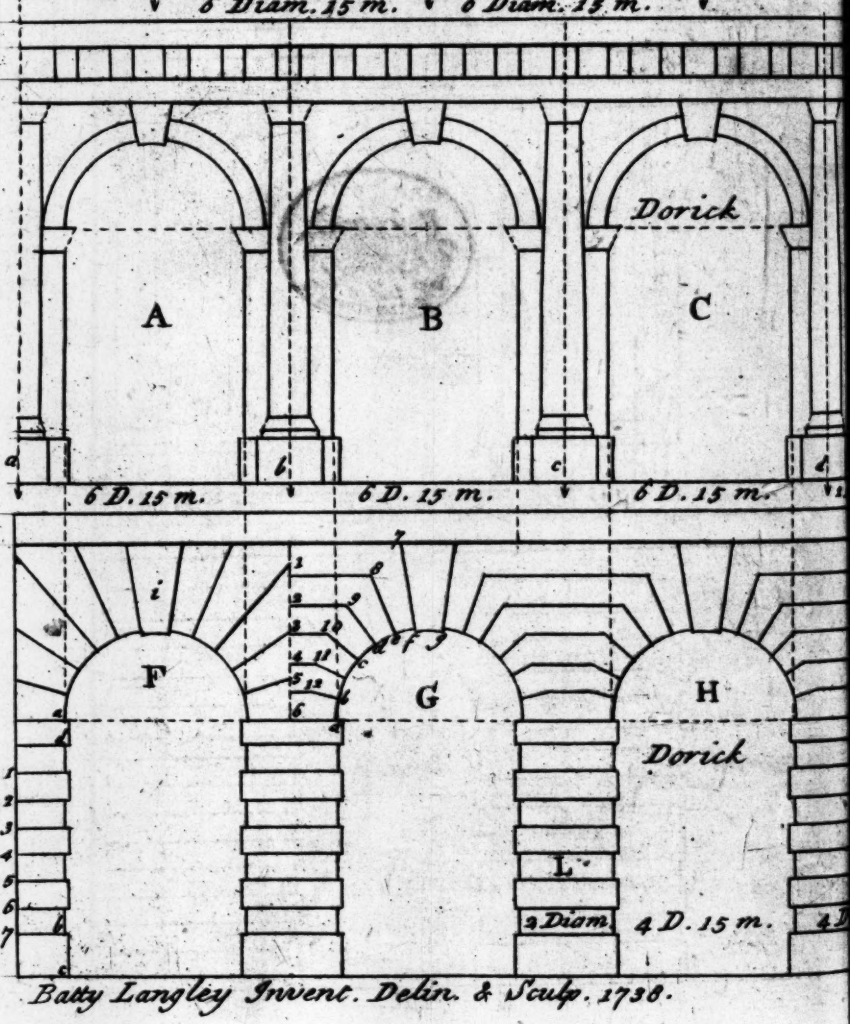


Fig. I



Batty Langley Invent. Delin. & Sculp. 1738.

Portico

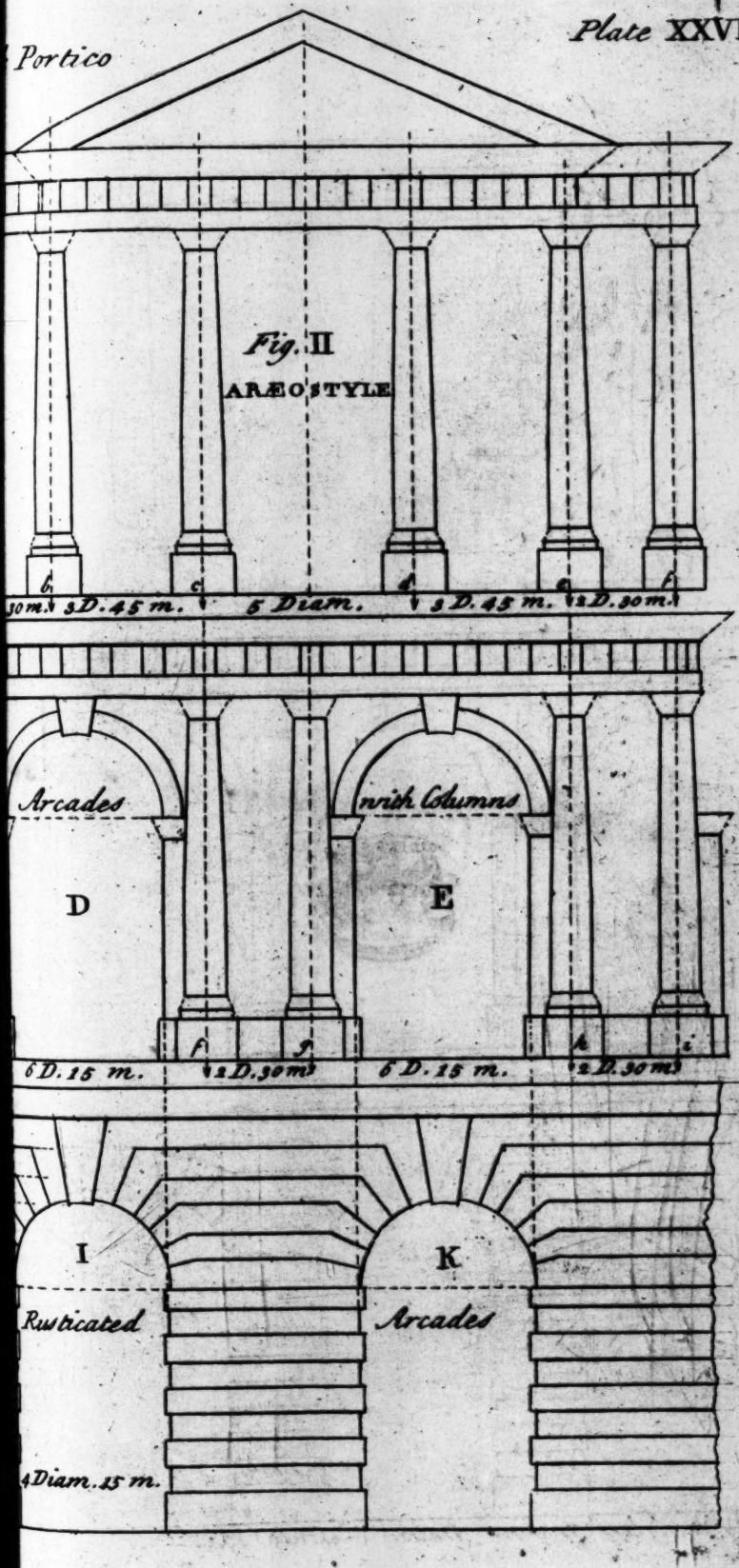
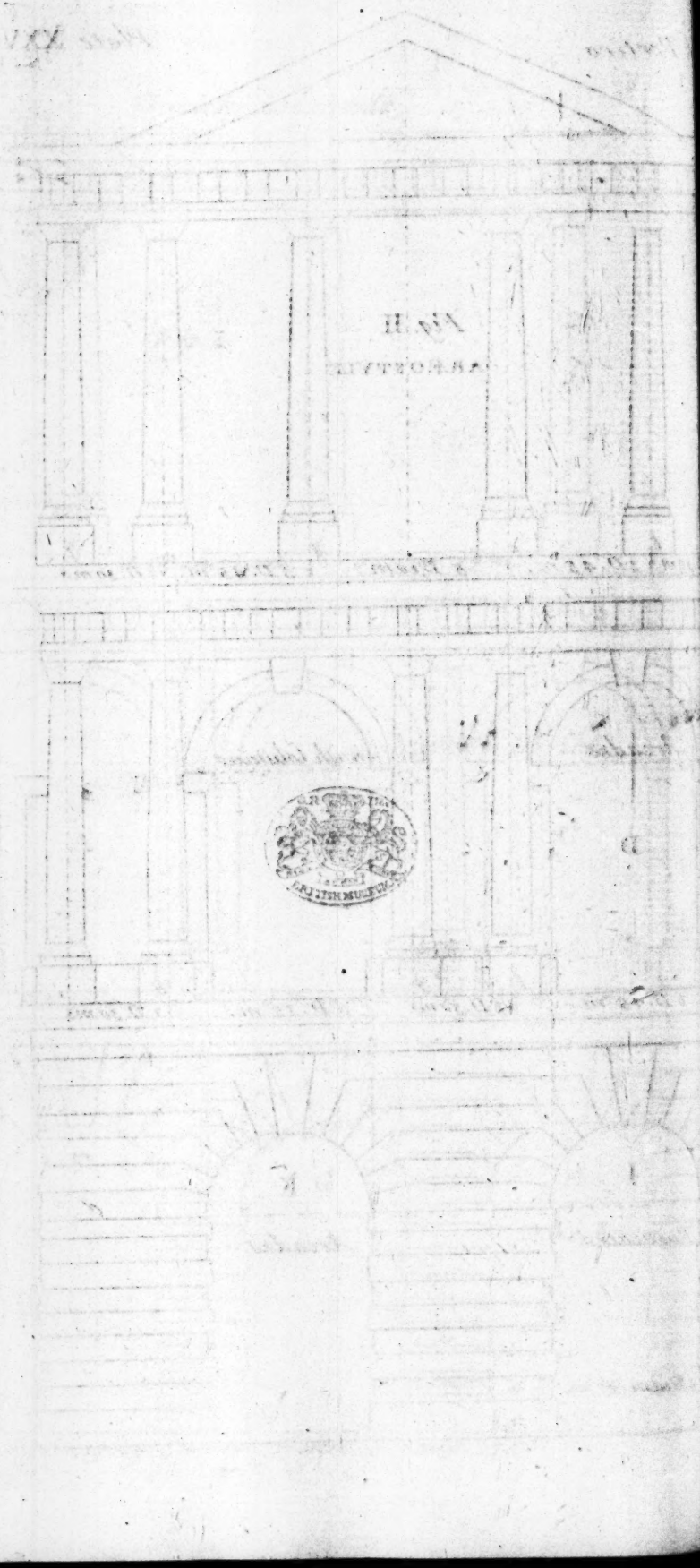


Fig. II
ARÆOSTYLE
b
c
d
e
f
30 m.
3 D. 45 m.
5 Diam.
3 D. 45 m.
2 D. 30 m.
Arcades
with Columns
D
E
6 D. 15 m.
2 D. 30 m.
6 D. 15 m.
2 D. 30 m.
I
K
Rusticated
Arcades
4 Diam. 15 m.



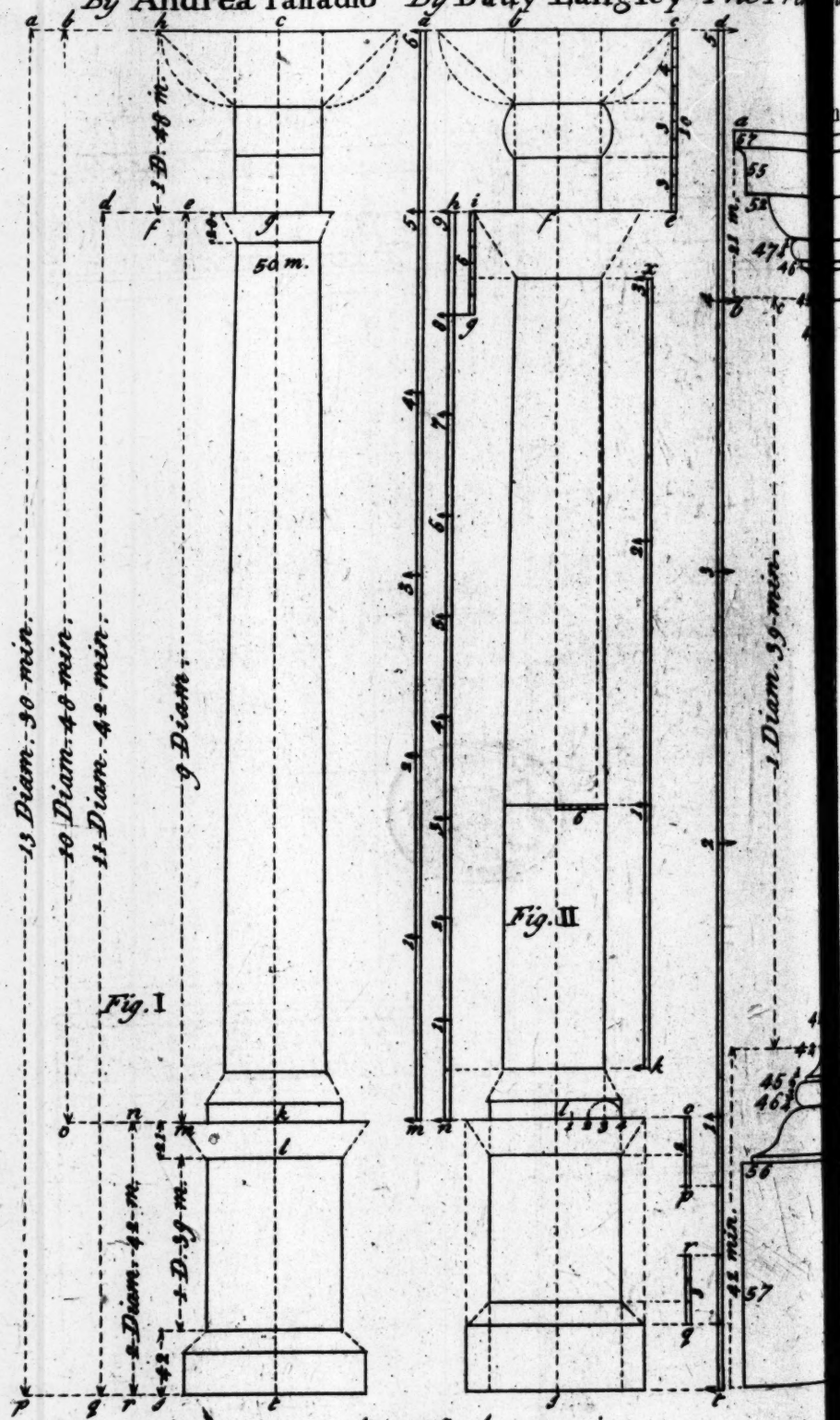
BRITISH MUSEUM

By Andrea Palladio

By Batty Langley

The Pri… Parts of …

…ndrea P…



Batty Langley Invent. Delin. & Sculp. 1738.

The Ionick Pedestal

ndrea Palladio By Batty Langley

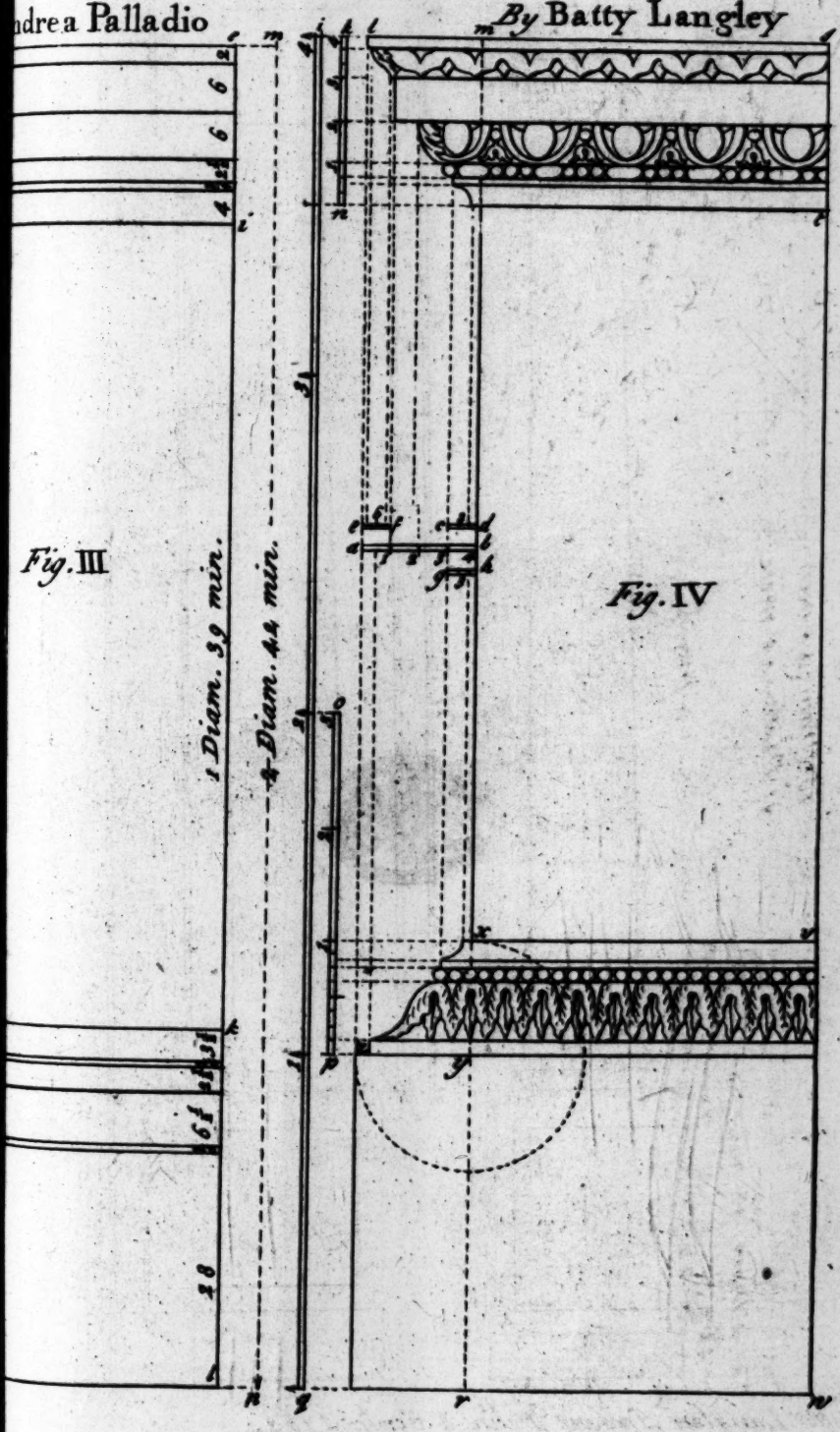
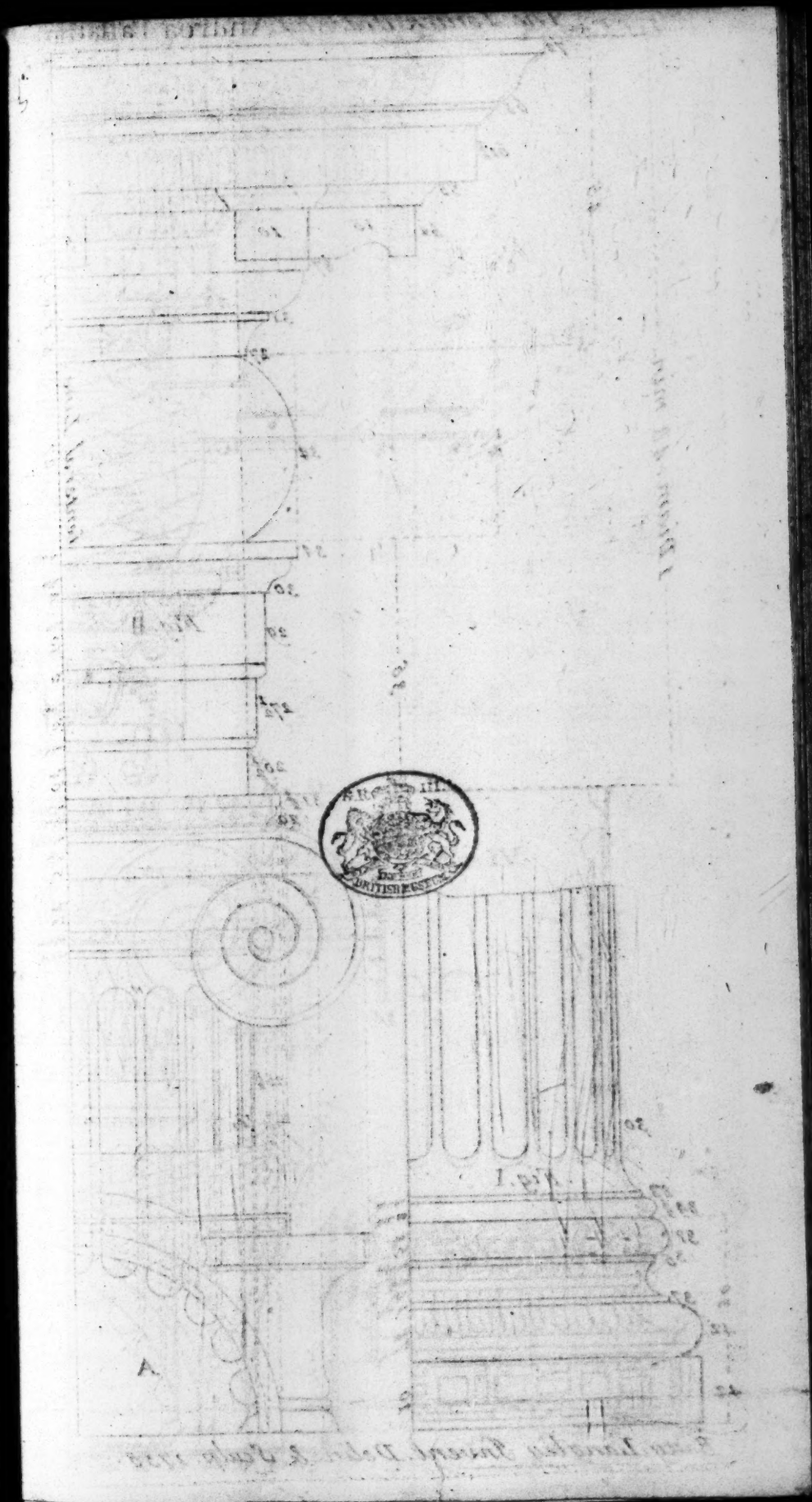
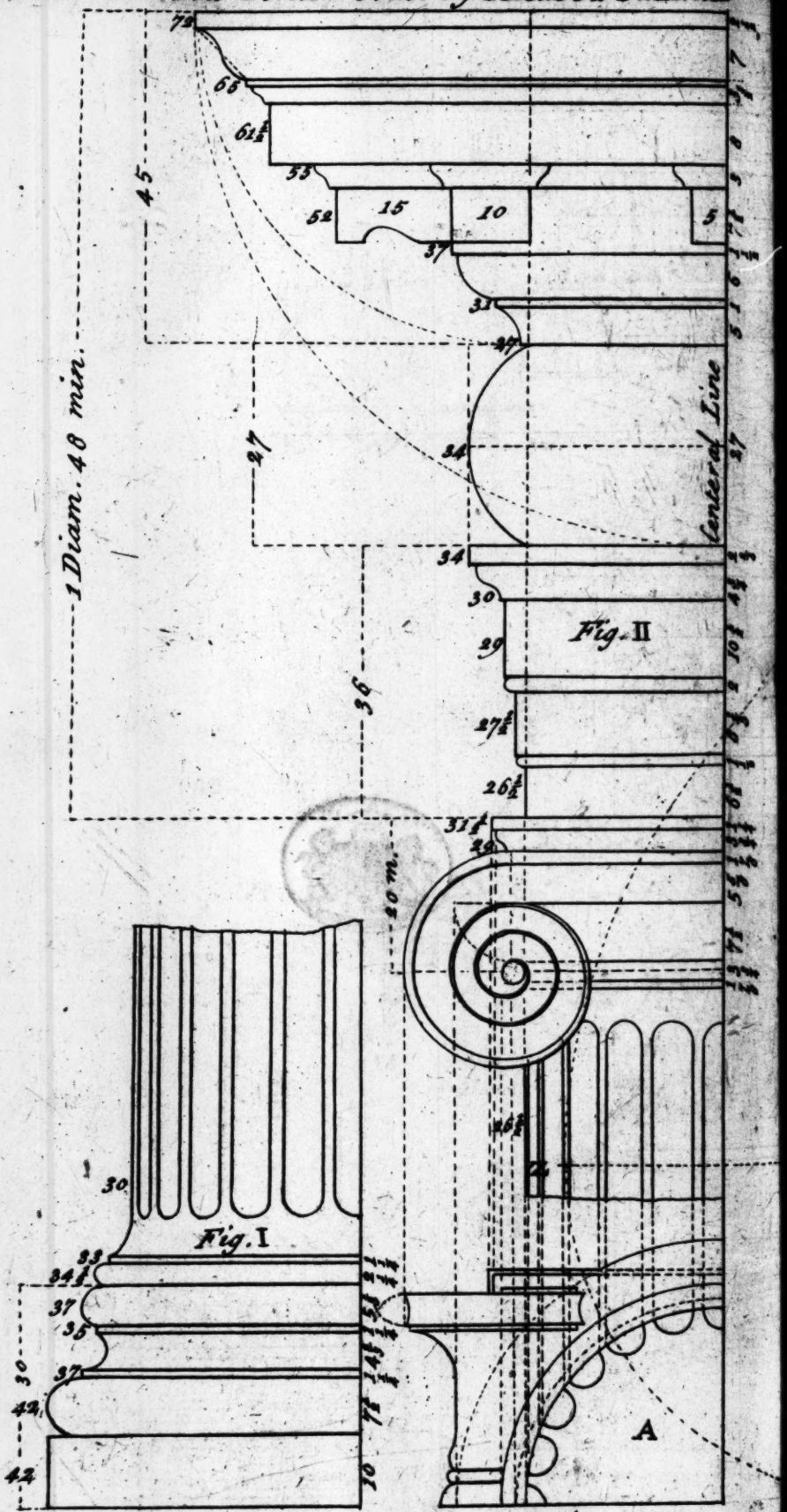


Fig. III

Fig. IV



The Ionick Order by Andrea Palladio



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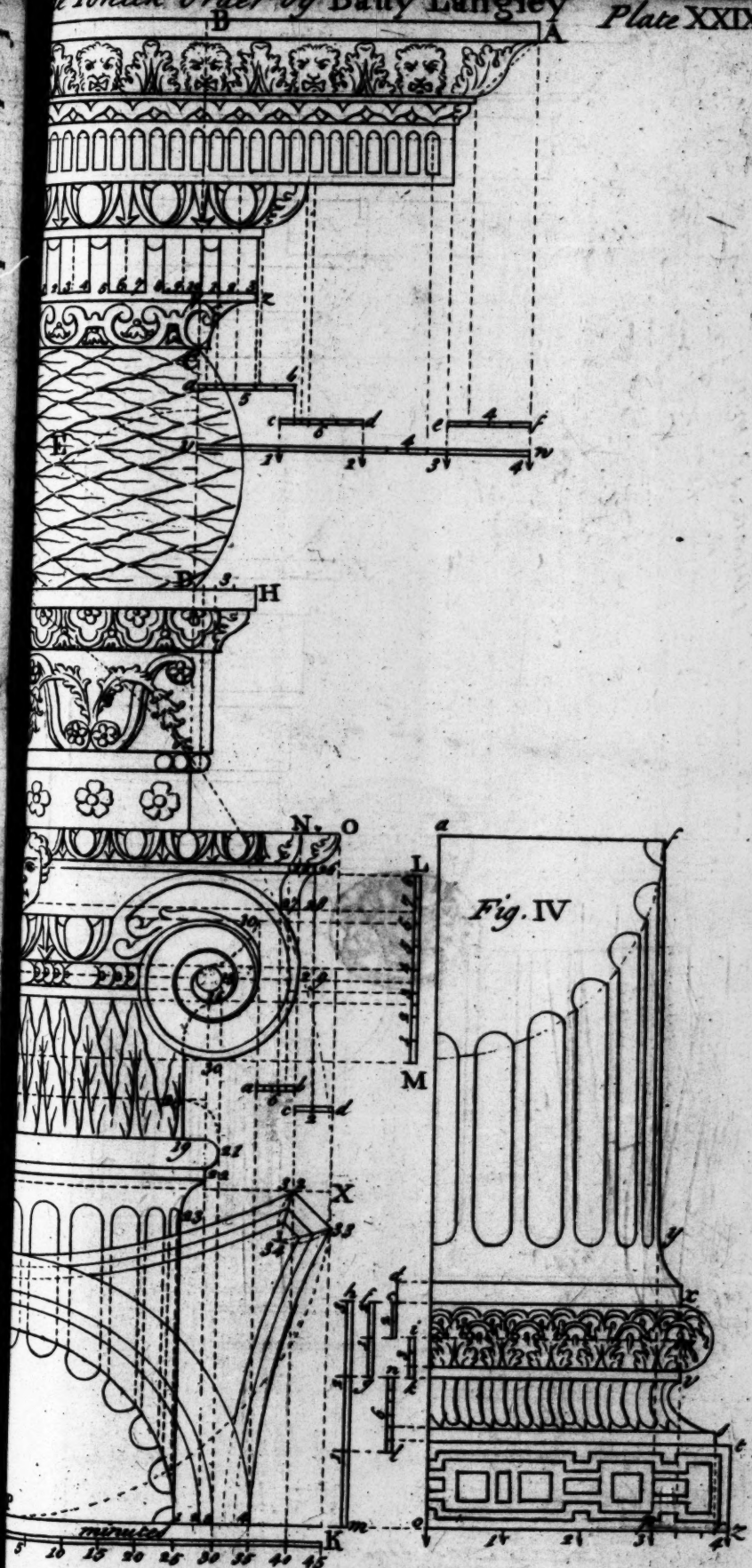
B
A
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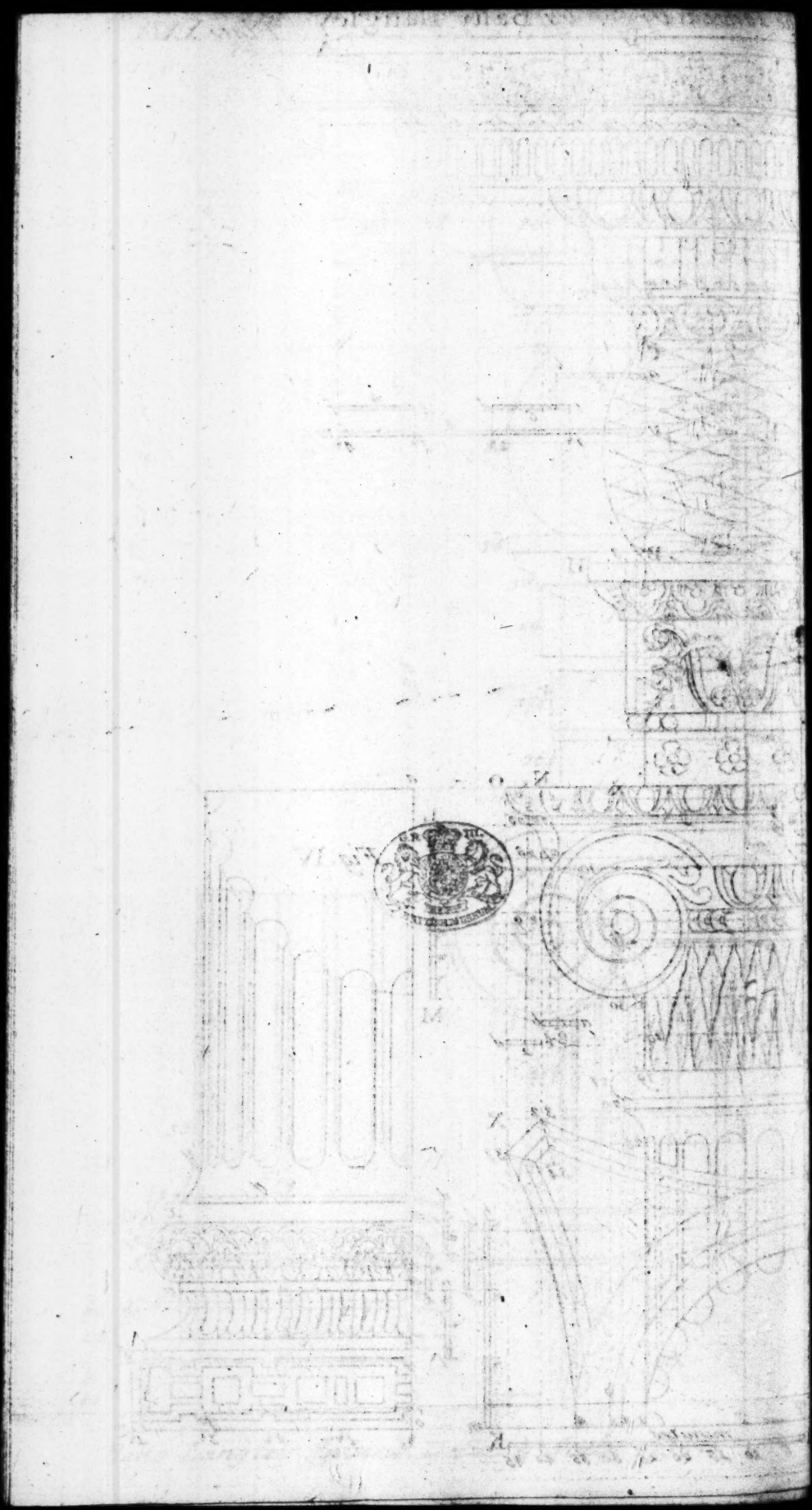
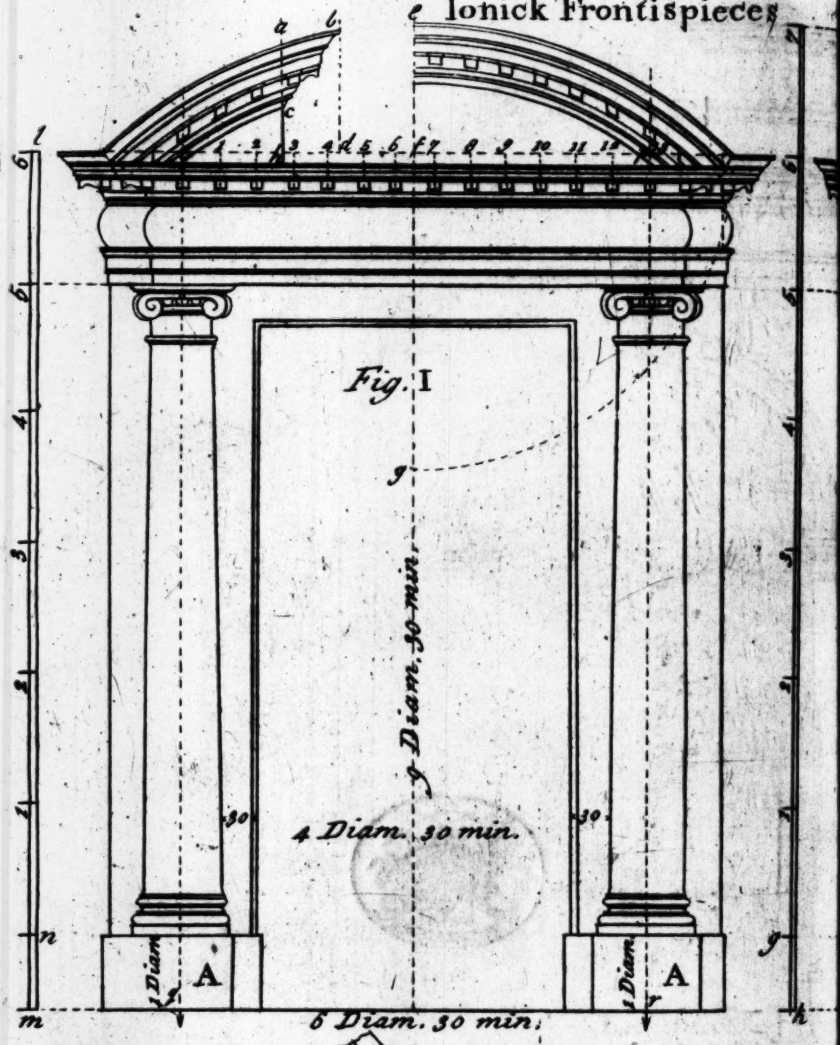
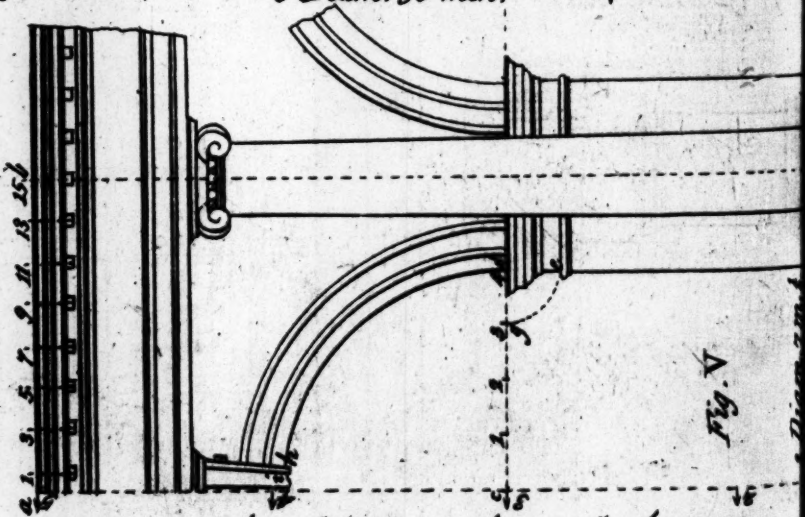
M
X
K
Fig. IV
minutes



G.R.
III.
BRITISH MUSEUM

Ionick Frontispieces





Batty Langley Invent. Delin. & Sculp. 1738.

Plate XXX.

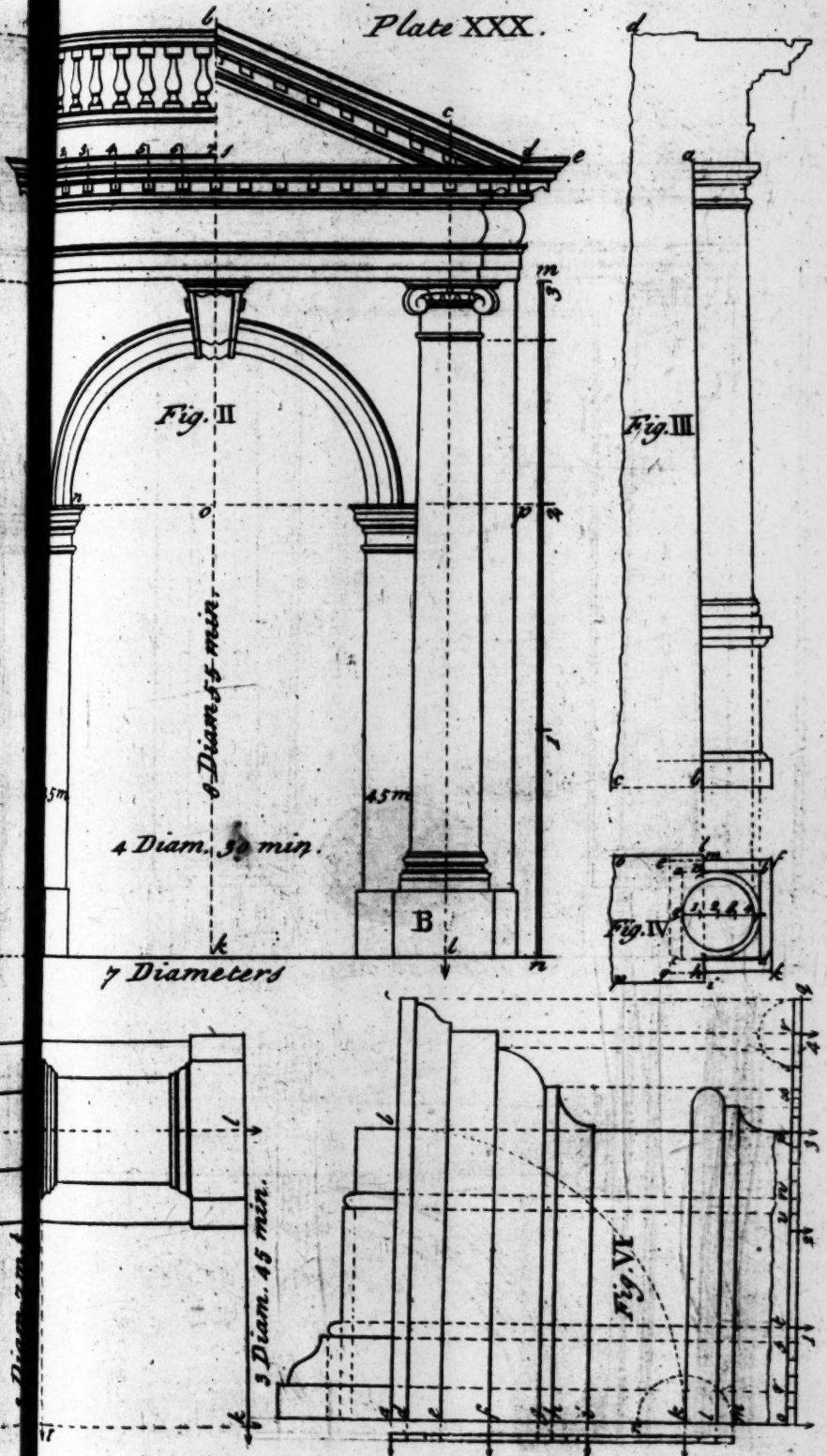
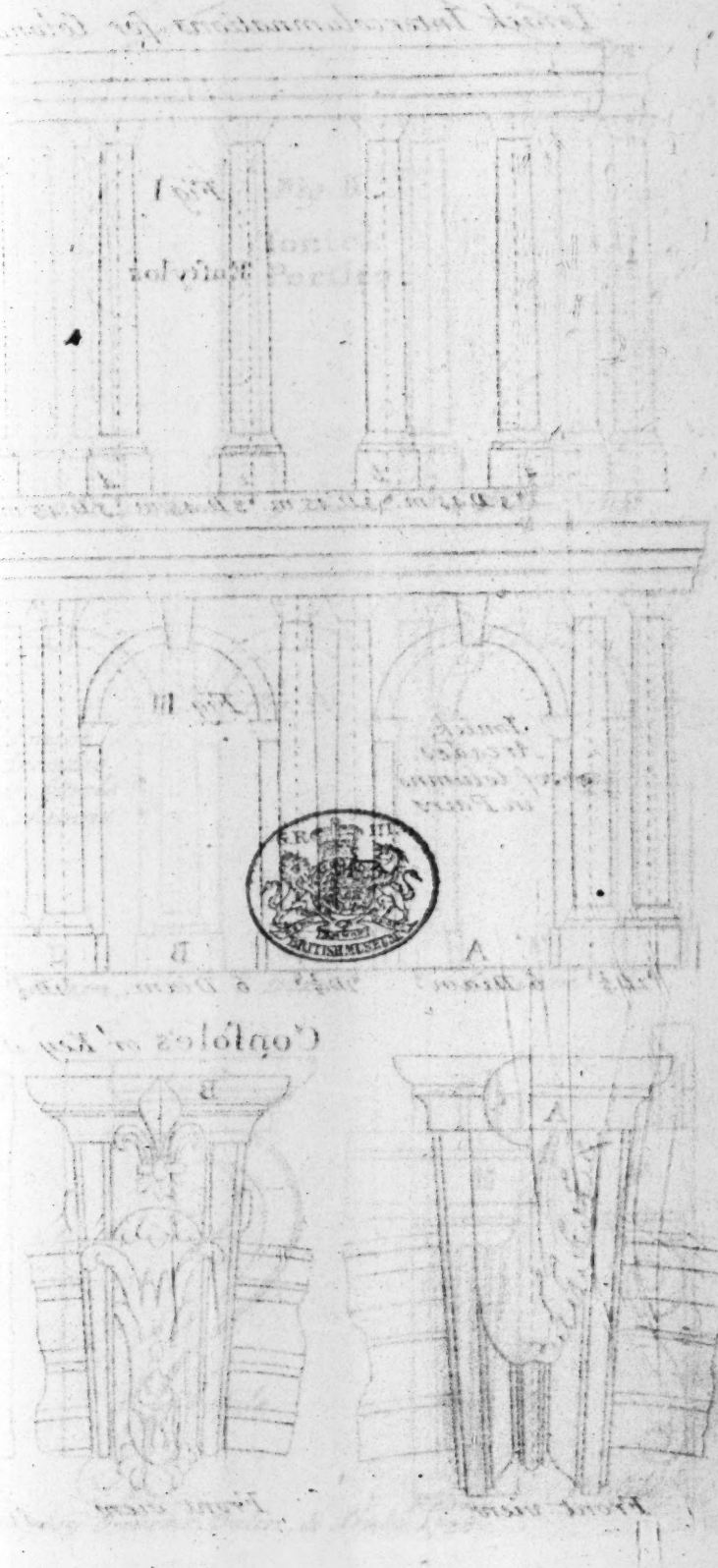
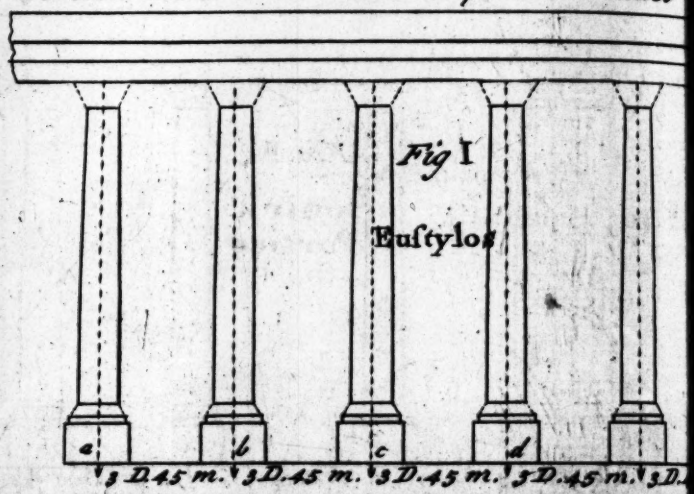
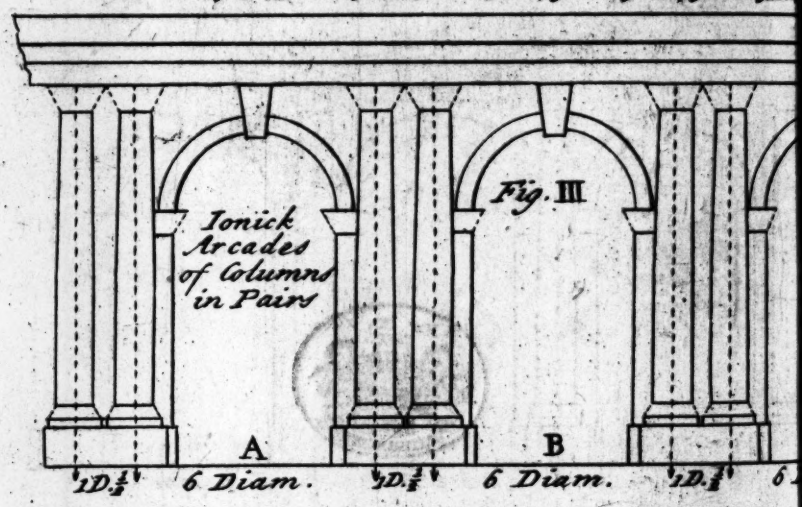


Fig. II
6 Diam. 55 min.
4 Diam. 30 min.
B
7 Diameters
Fig. III
Fig. IV
3 Diam. 45 min.
Fig. VI


A
B

Ionick Intercolumnations for Colonades





Conſole's or Key Stone

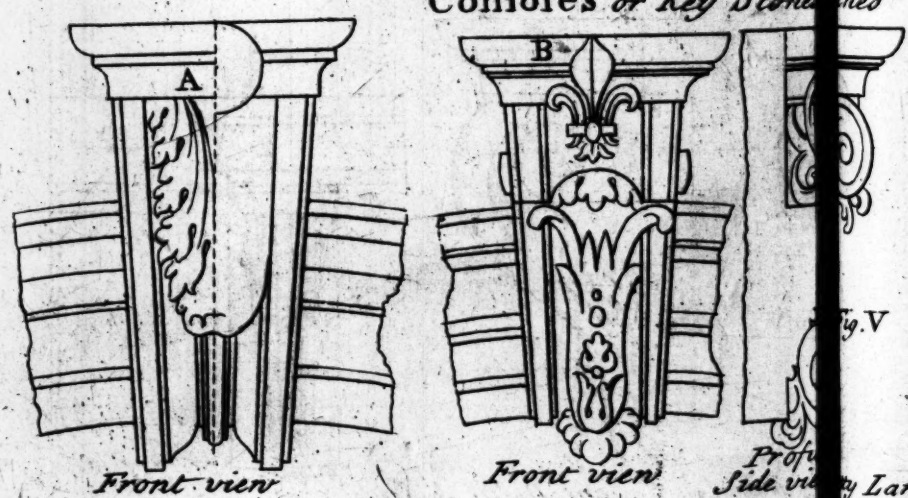


Fig. V

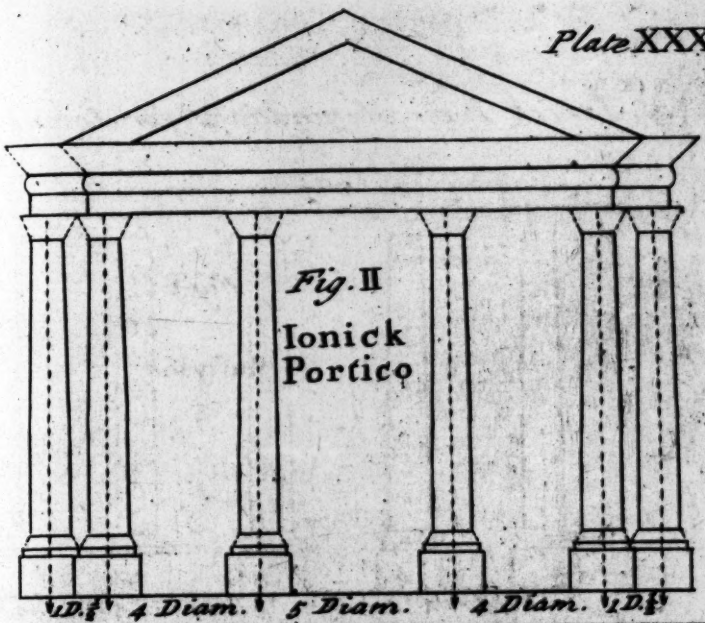
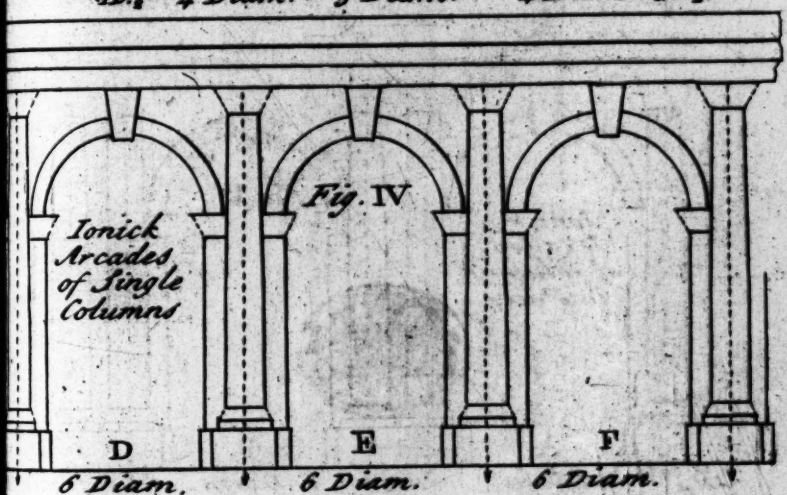
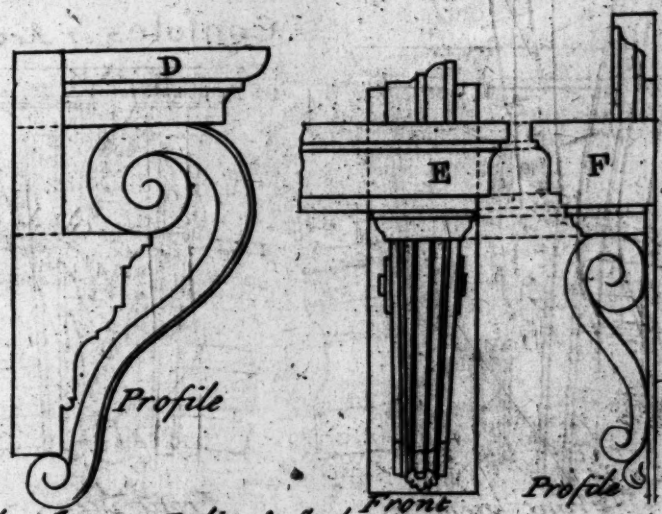


Fig. II
Ionick
Portico

1 D.½ 4 Diam. 5 Diam. 4 Diam. 1 D.½





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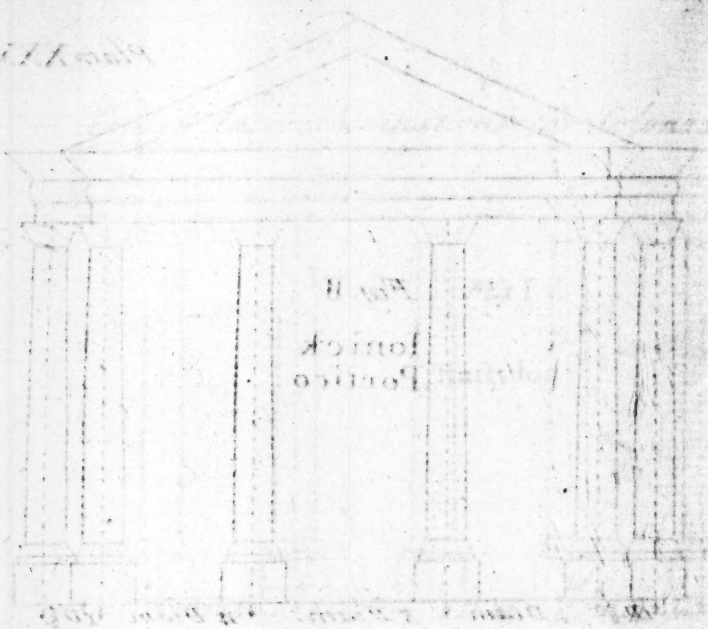
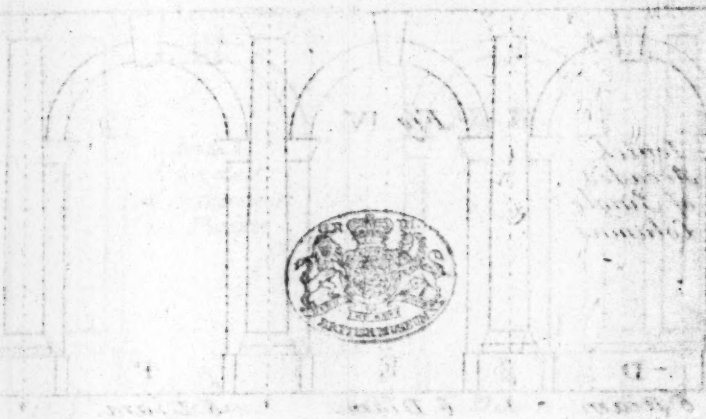
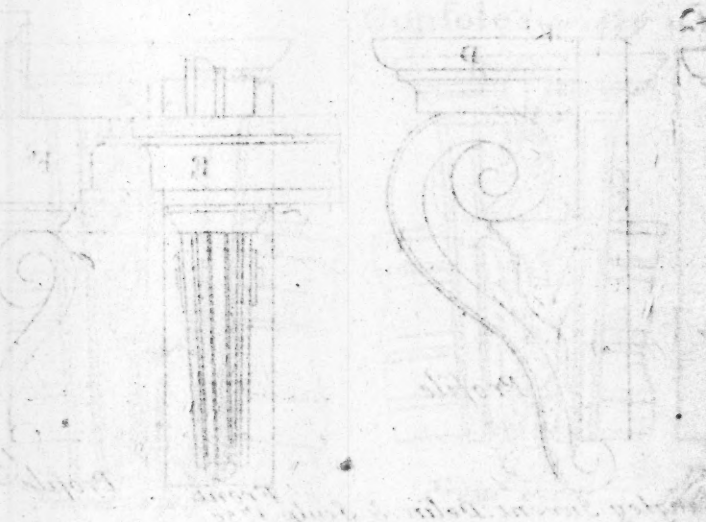




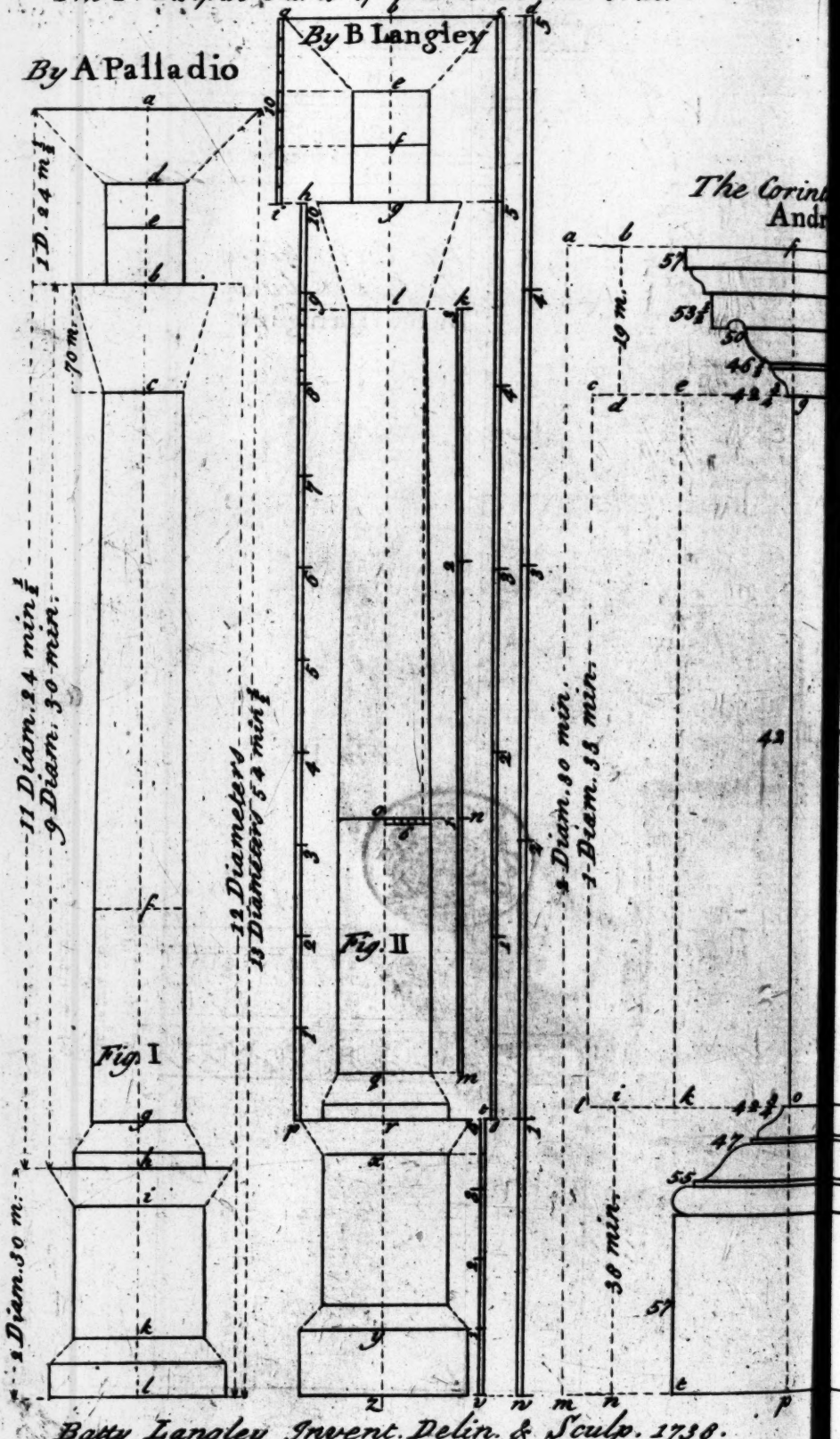


BRITISH MUSEUM

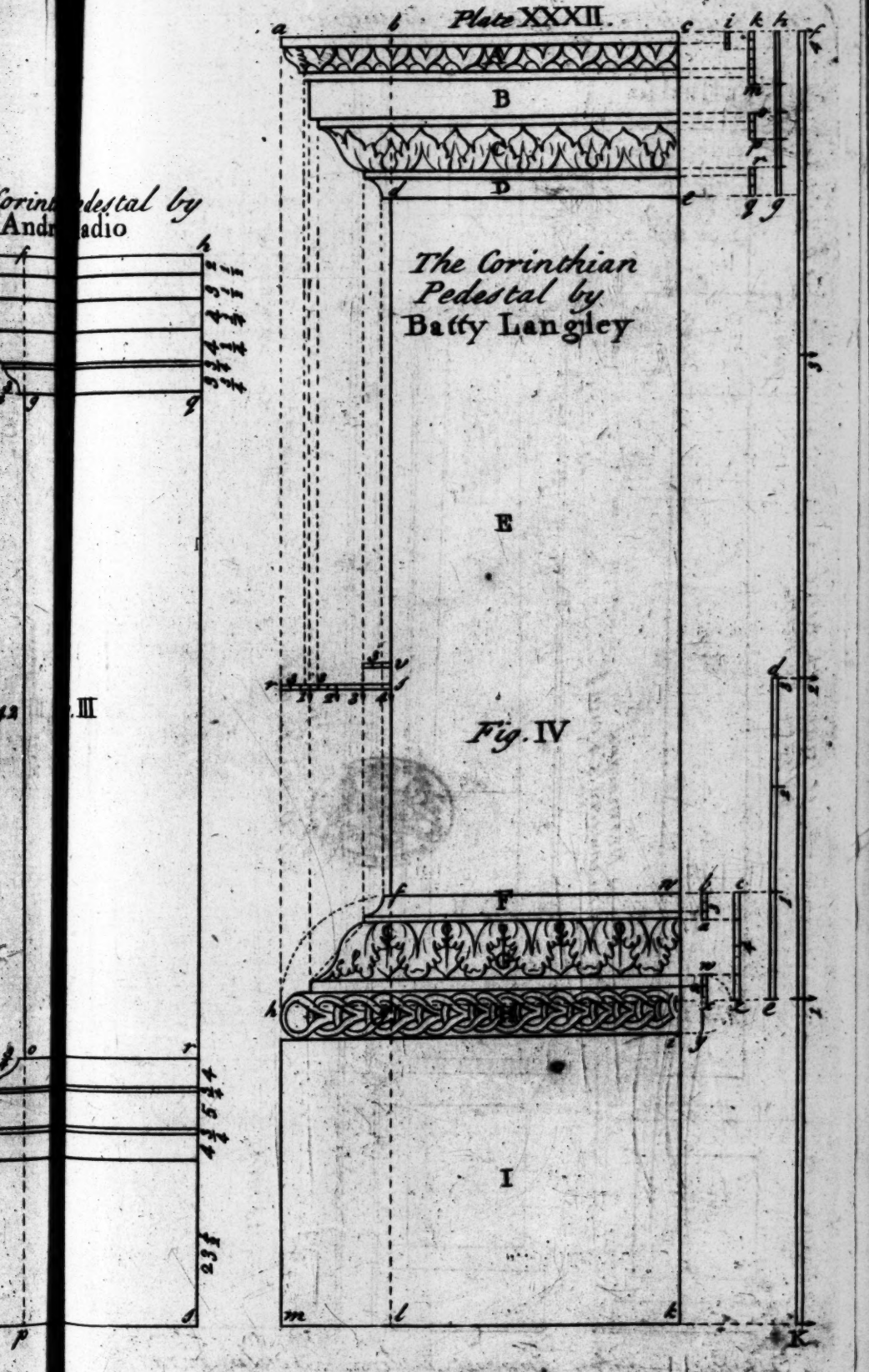
The Principal Parts of the Corinthian Order.

By A Palladio

By B Langley



Batty Langley Invent. Delin. & Sculp. 1738.


B
C
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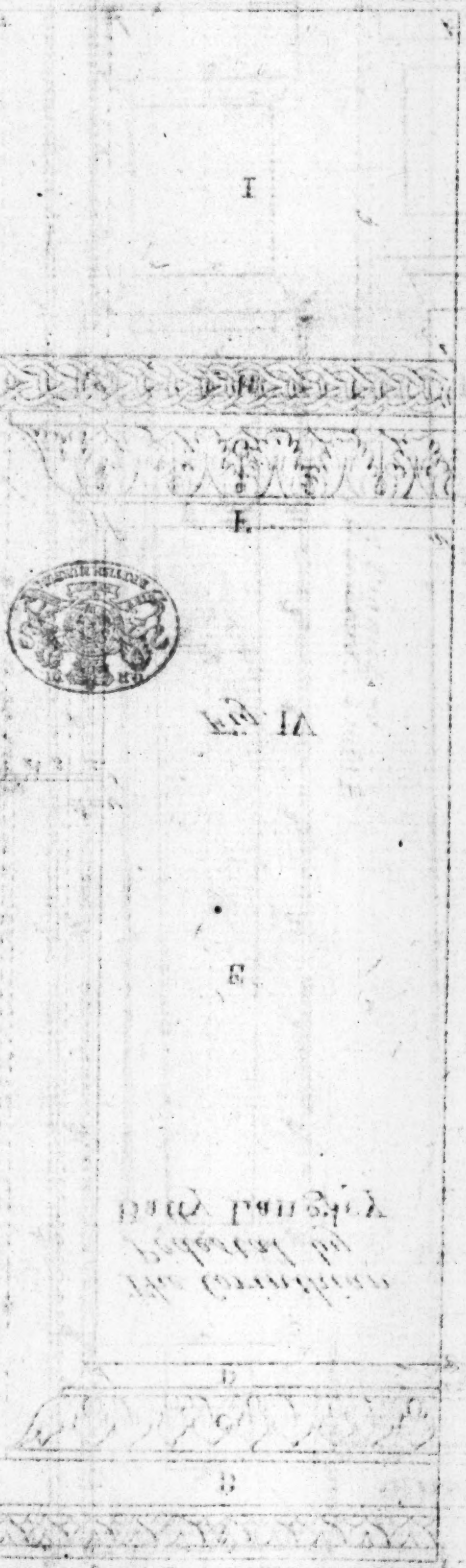
I
The Corinthian
Pedestal by
Batty Langley
Fig. IV


I
F
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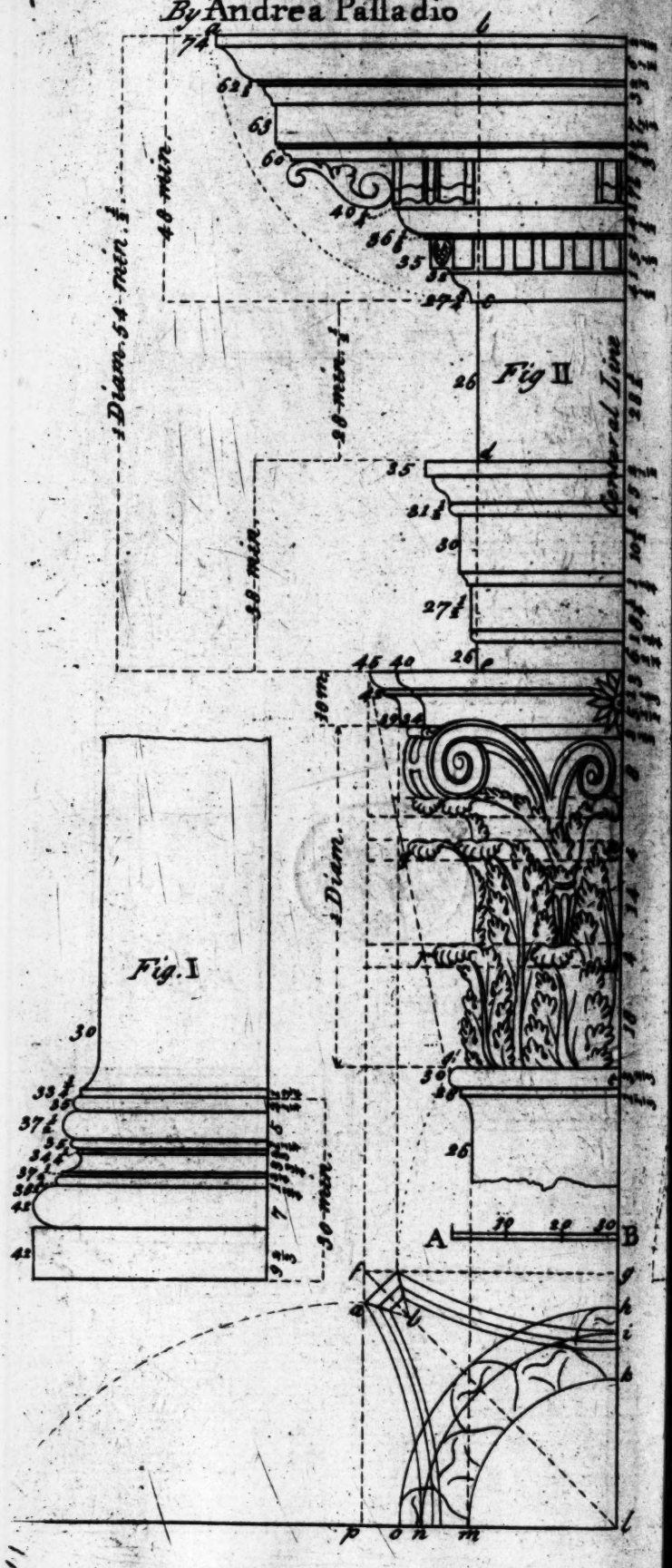
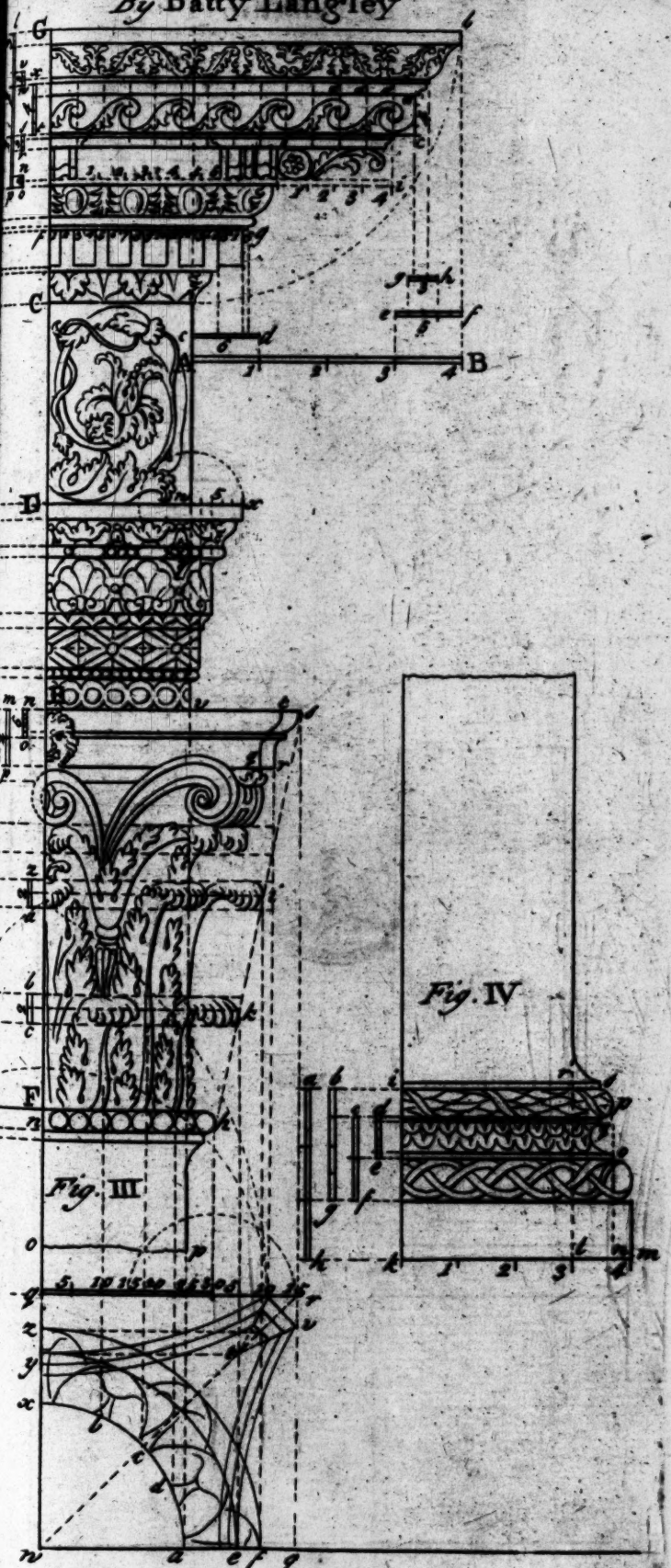
G. R. III.
BRITISH MUSEUM

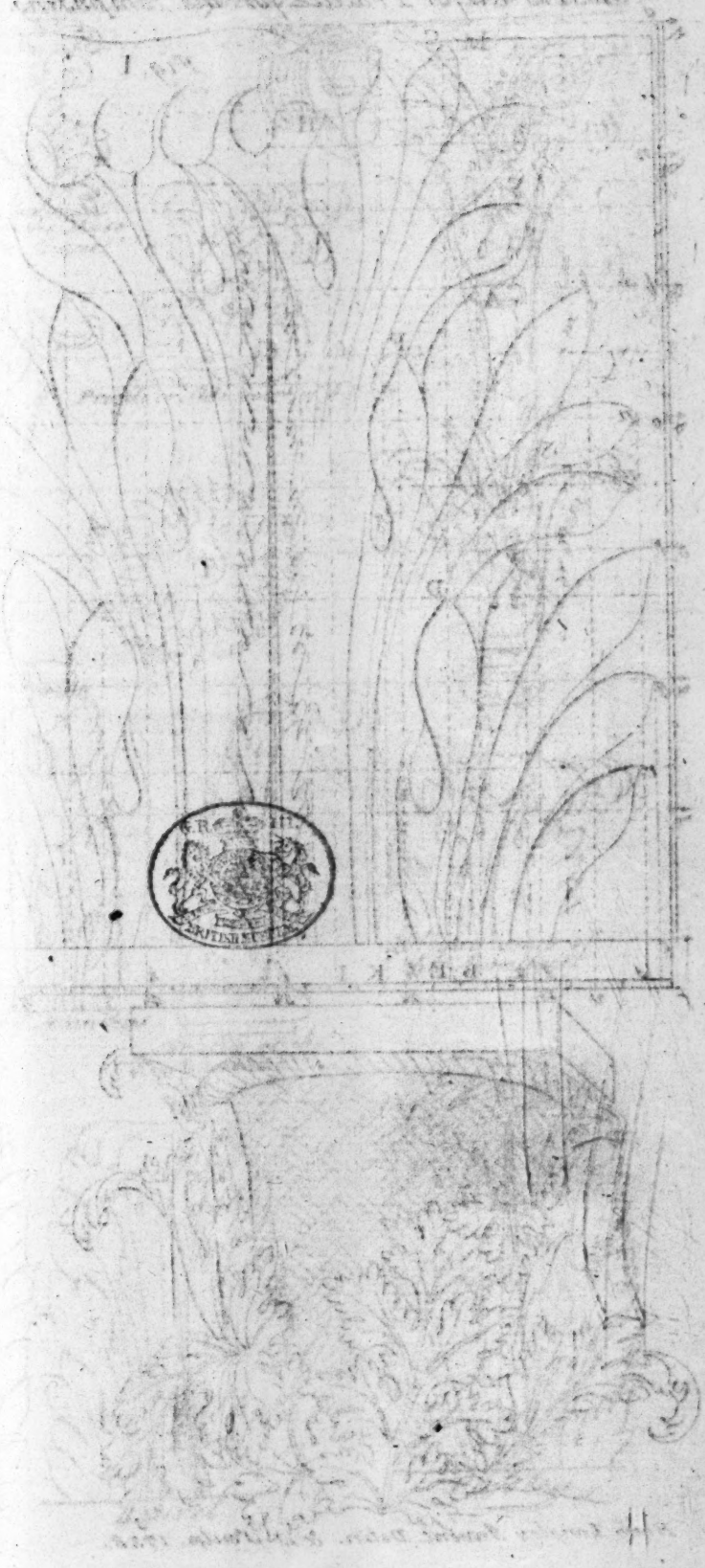
By Andrea Palladio



Batty Langley Invent. Delin. & Sculp.

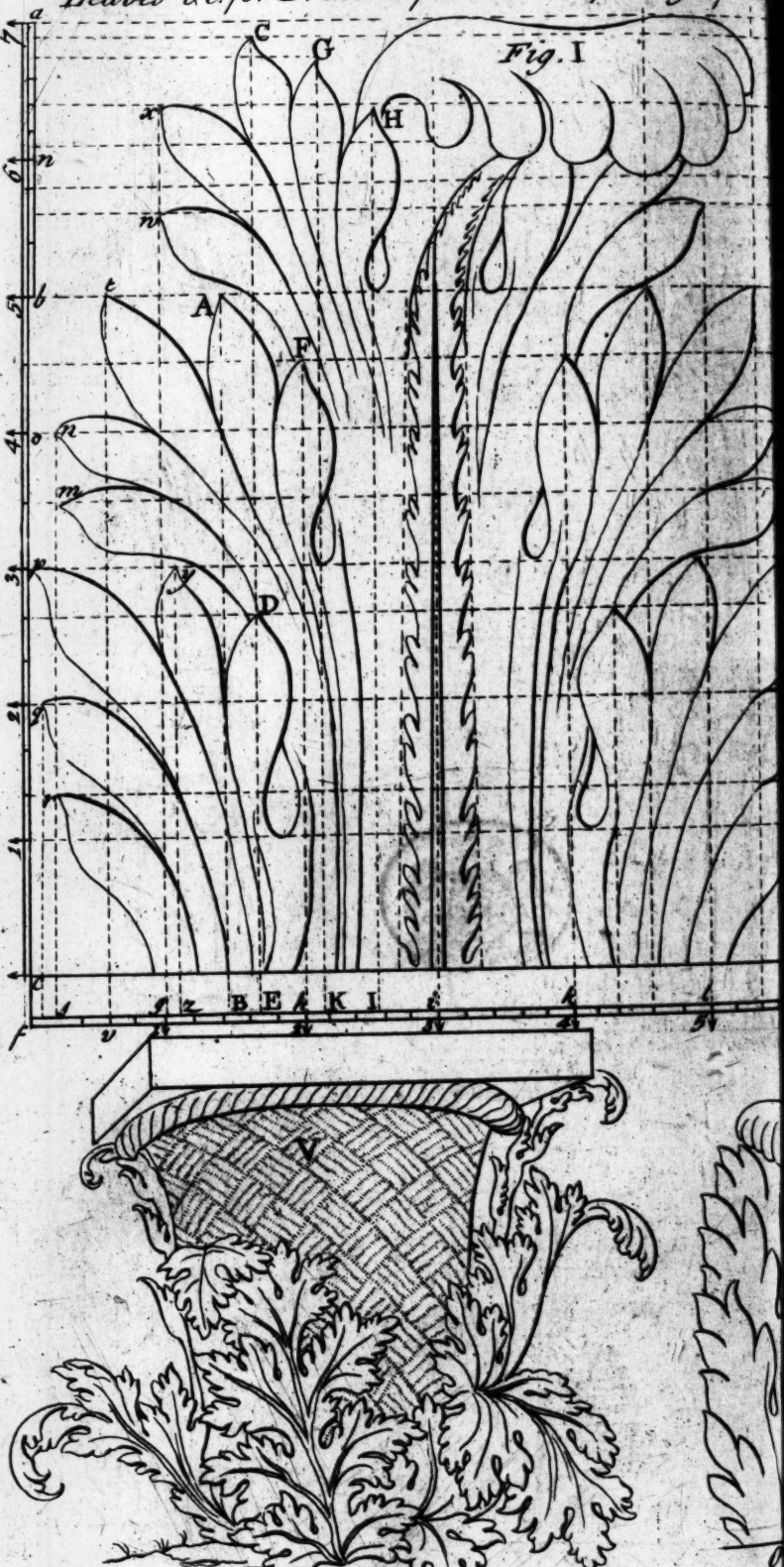
By Batty Langley





Leaves &c. for Practice for the composing of Co

Fig. I



Batty Langley Invenc. Delin. & Sculp. 1738.

view of the Rose
Composite Abacus

Profile or Side view of y Rose

Cauticle of a Composite Capital

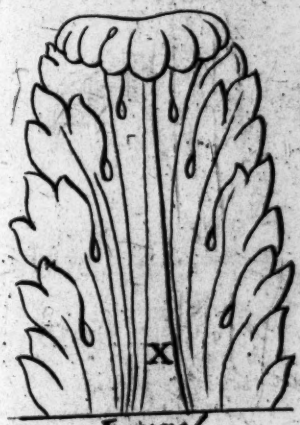
Rose or Side end of y Corinthian Capital

Stalk or Stem

view of y Acanthus

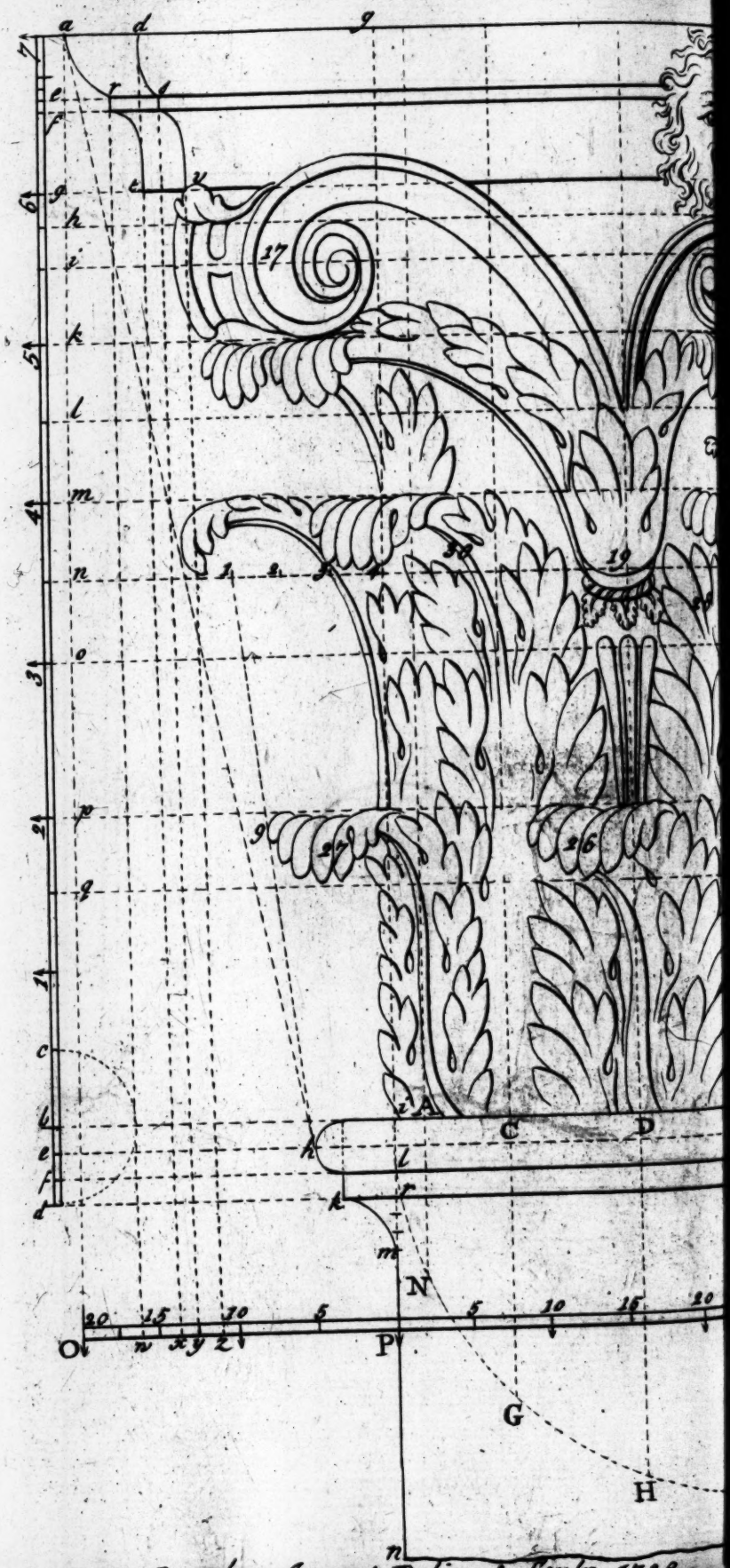
Profile of the Acanthus

Oblique view of the Acanthus

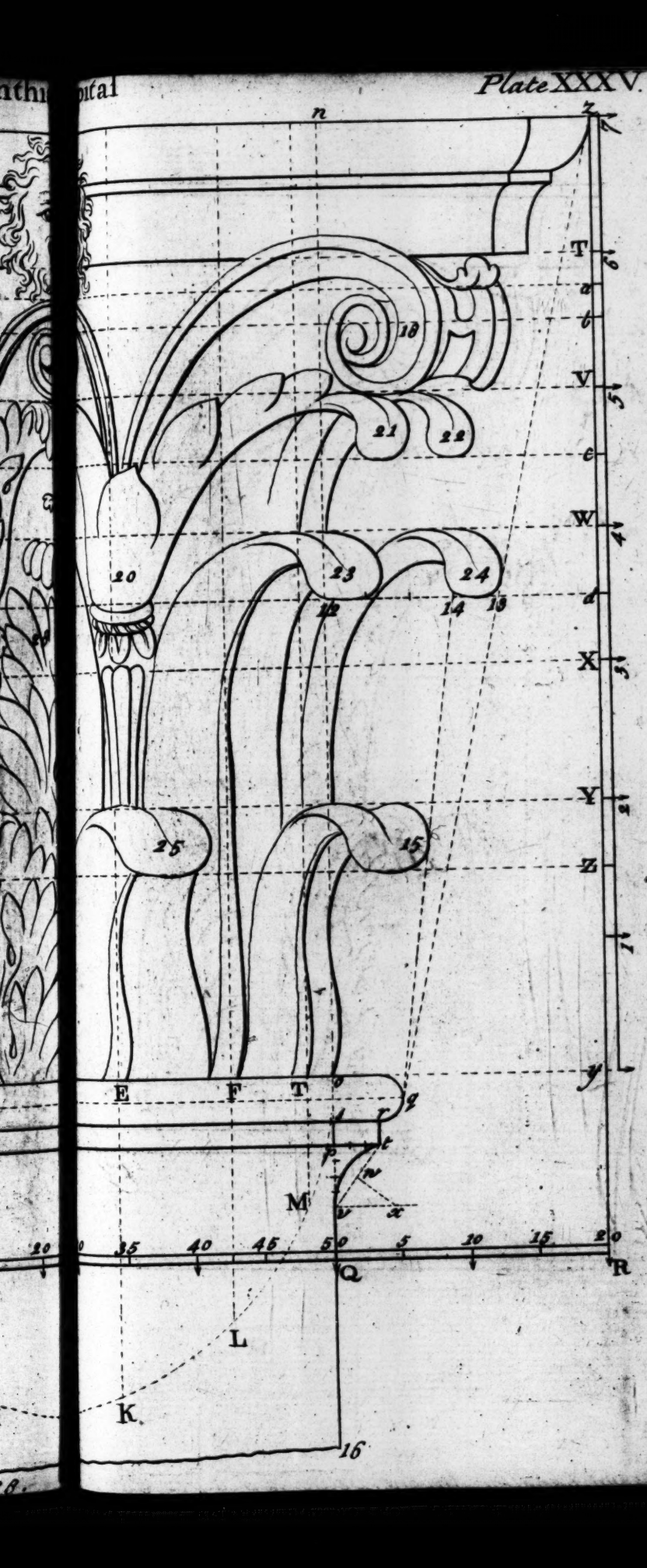


Laurel

Parsley



Batty Langley Invent. Delin. & Sculp. 1738.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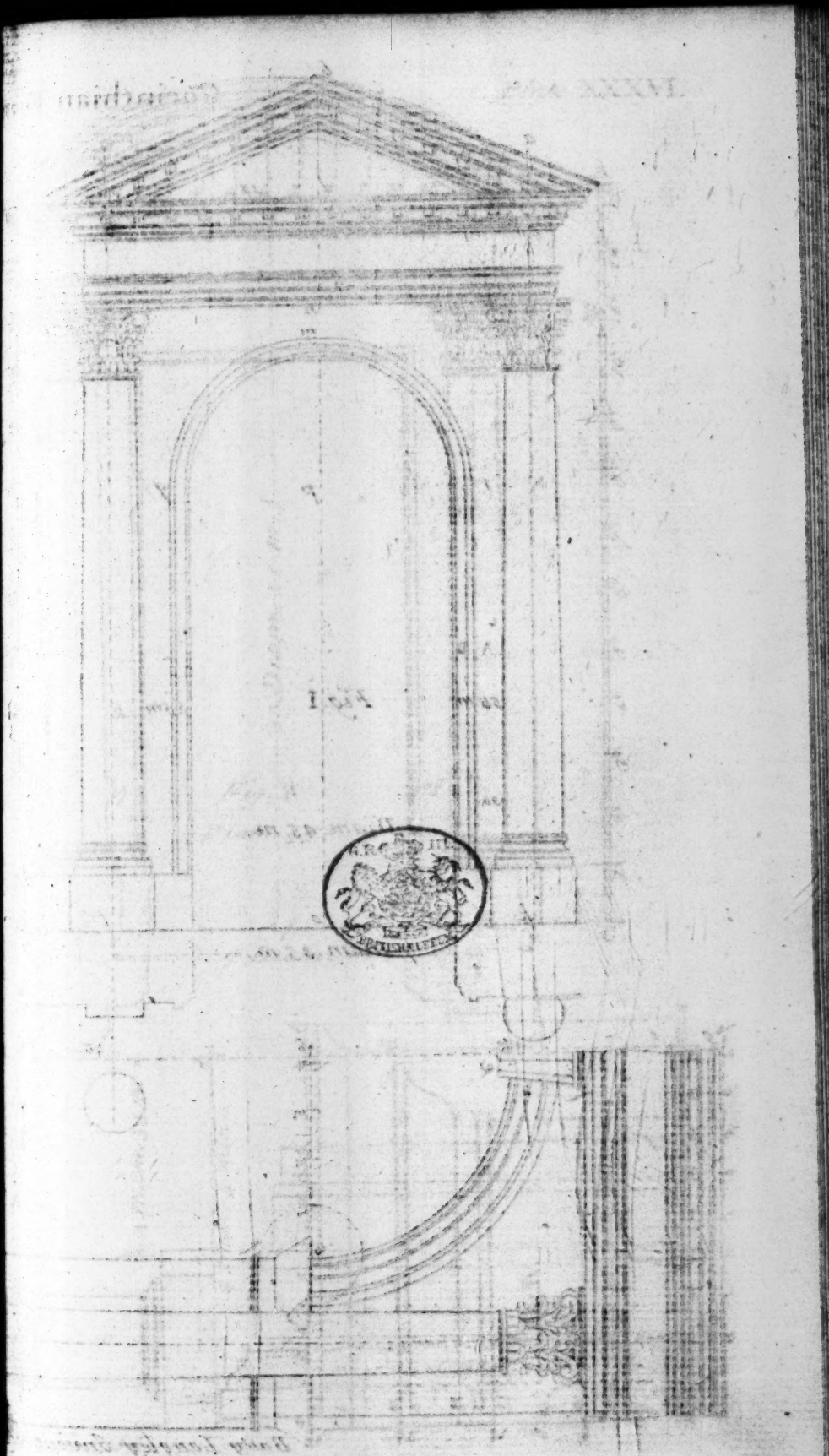

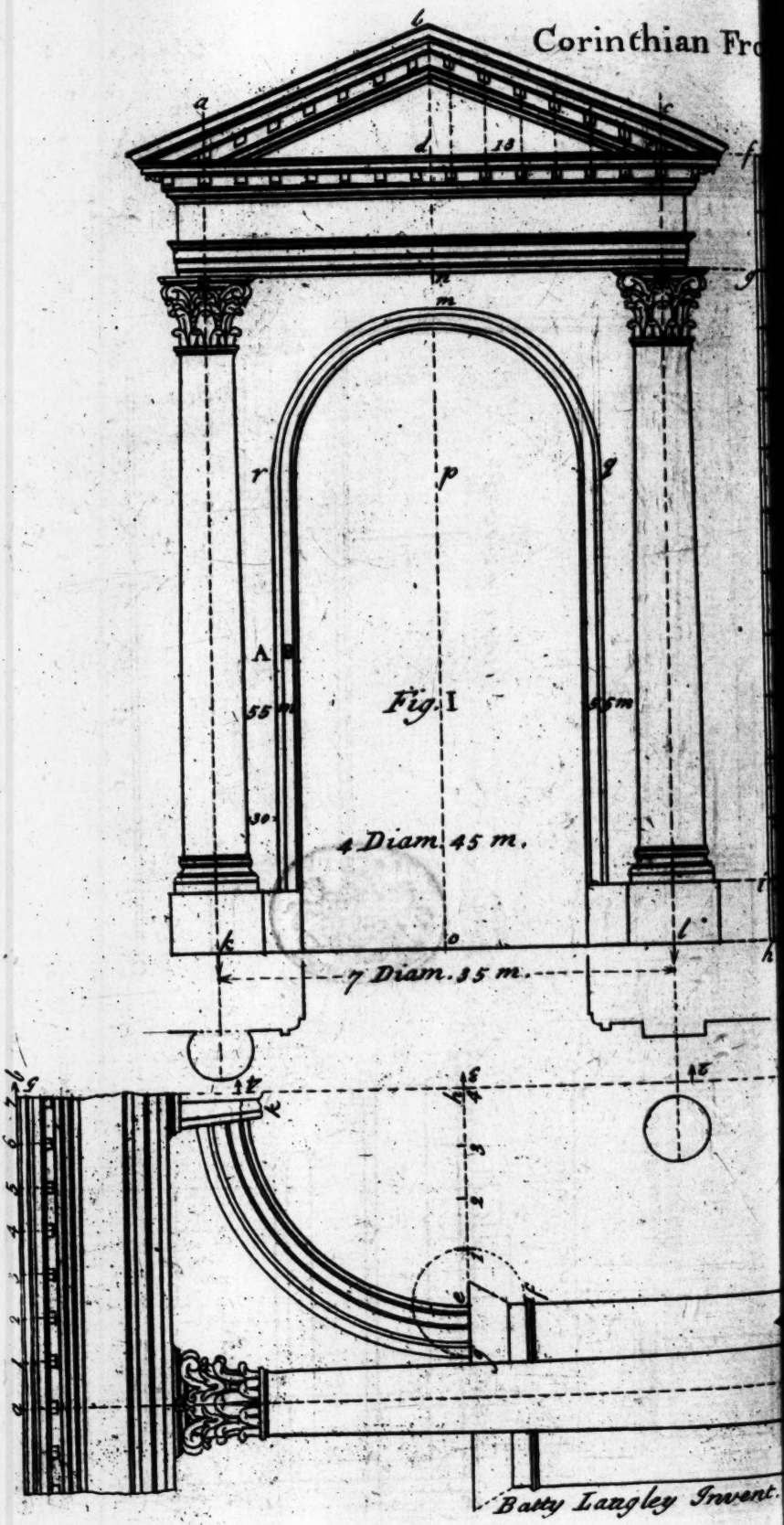
b
a
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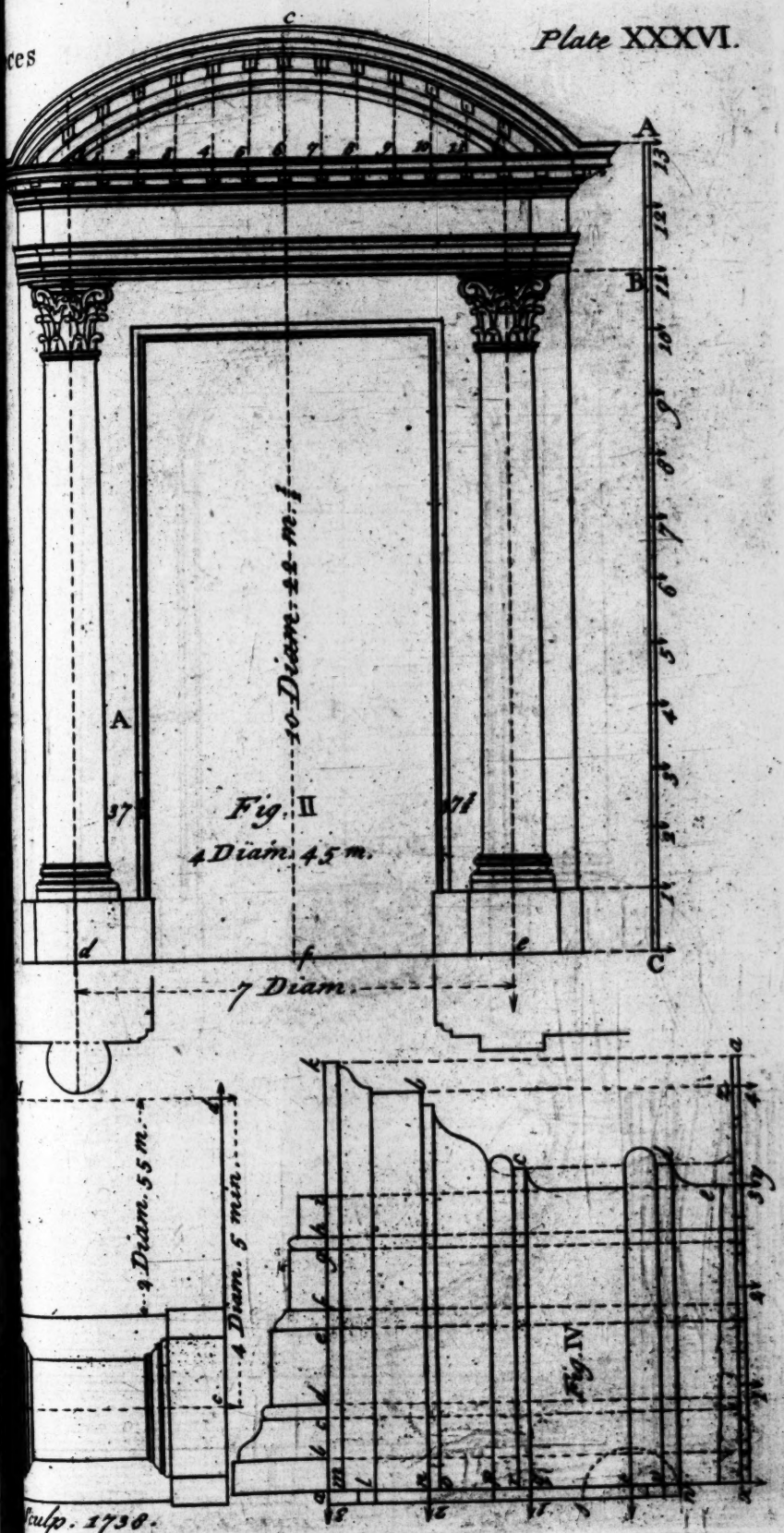
q
A
B
55 m
55 m
30
Fig. I
4 Diam. 45 m.
7 Diam. 35 m.
k
o
l
i
n
Batty Langley Invent.


c
A
B
C
10 Diam. 11 m. 1
Fig. II
4 Diam. 45 m.
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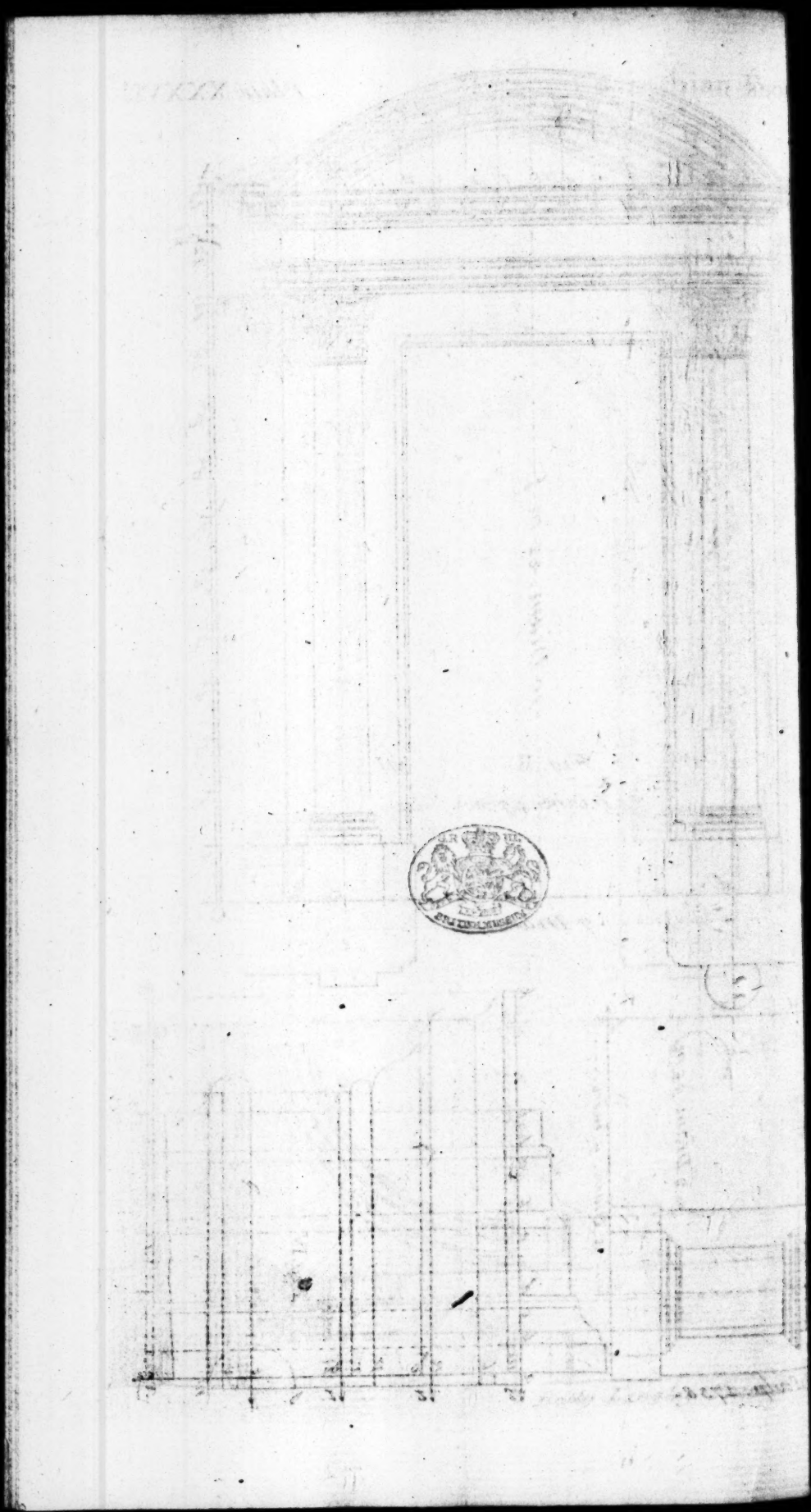
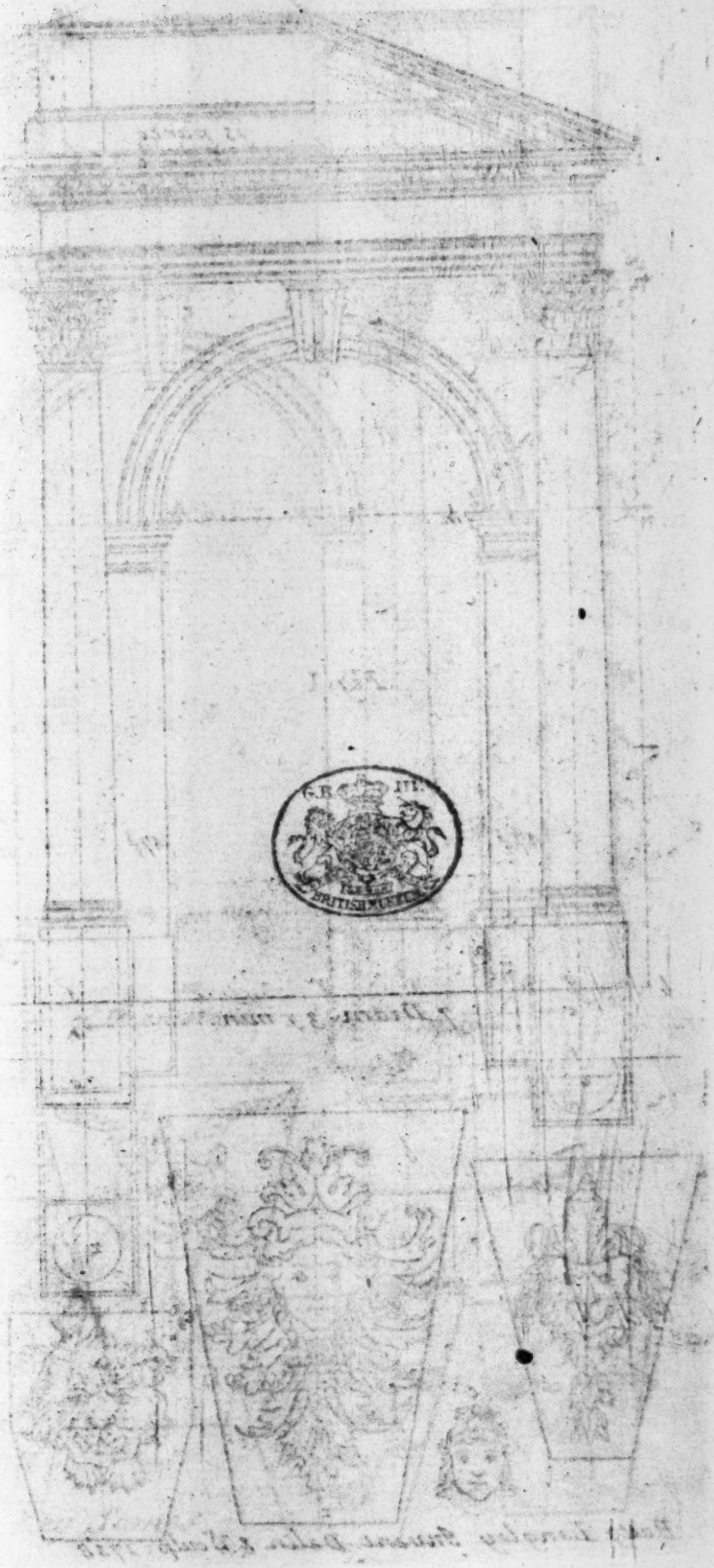
37
d
f
e
7 Diam.
4 Diam. 55 m.
4 Diam. 5 min.
Fig. IV

Sculp. 1738.




G.R. III.
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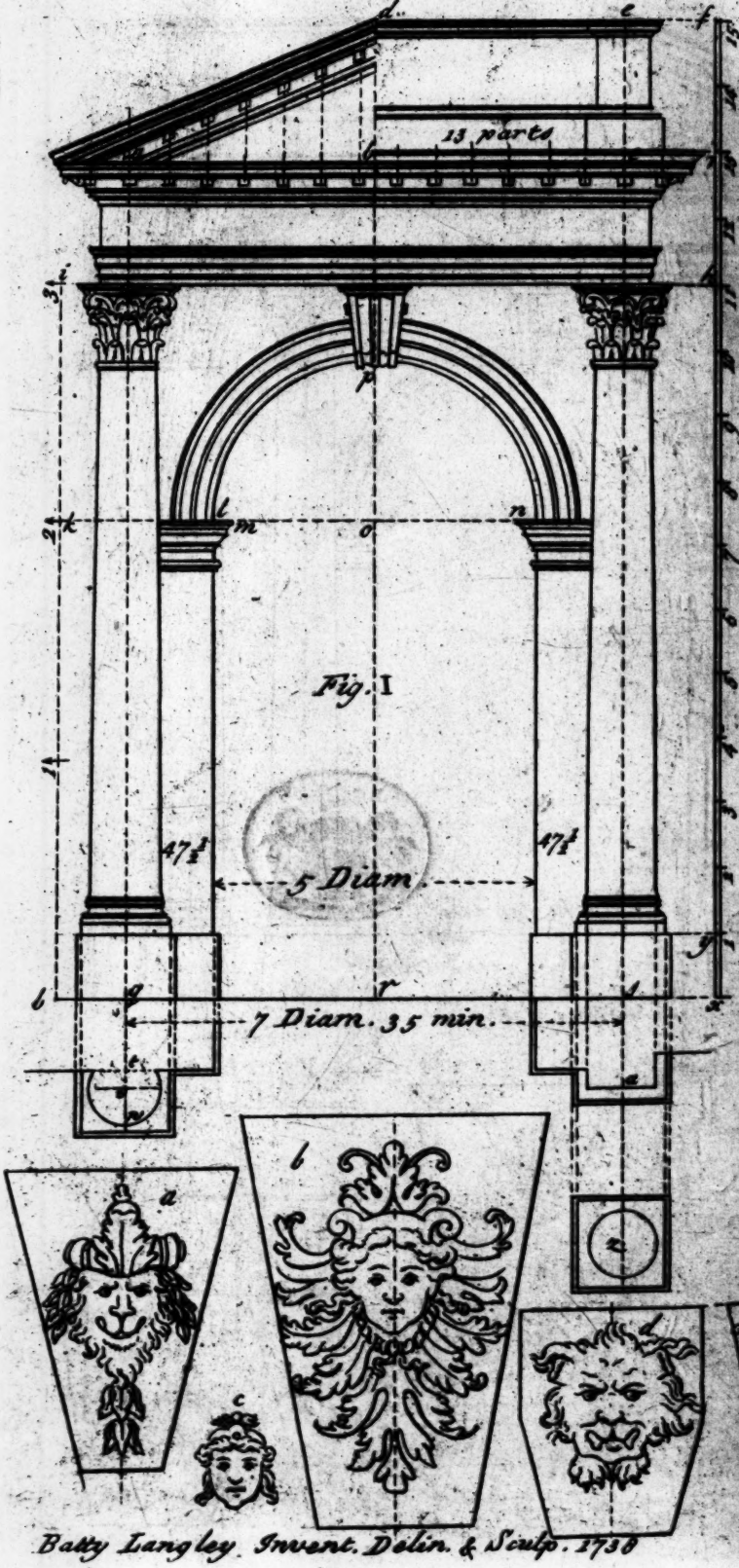
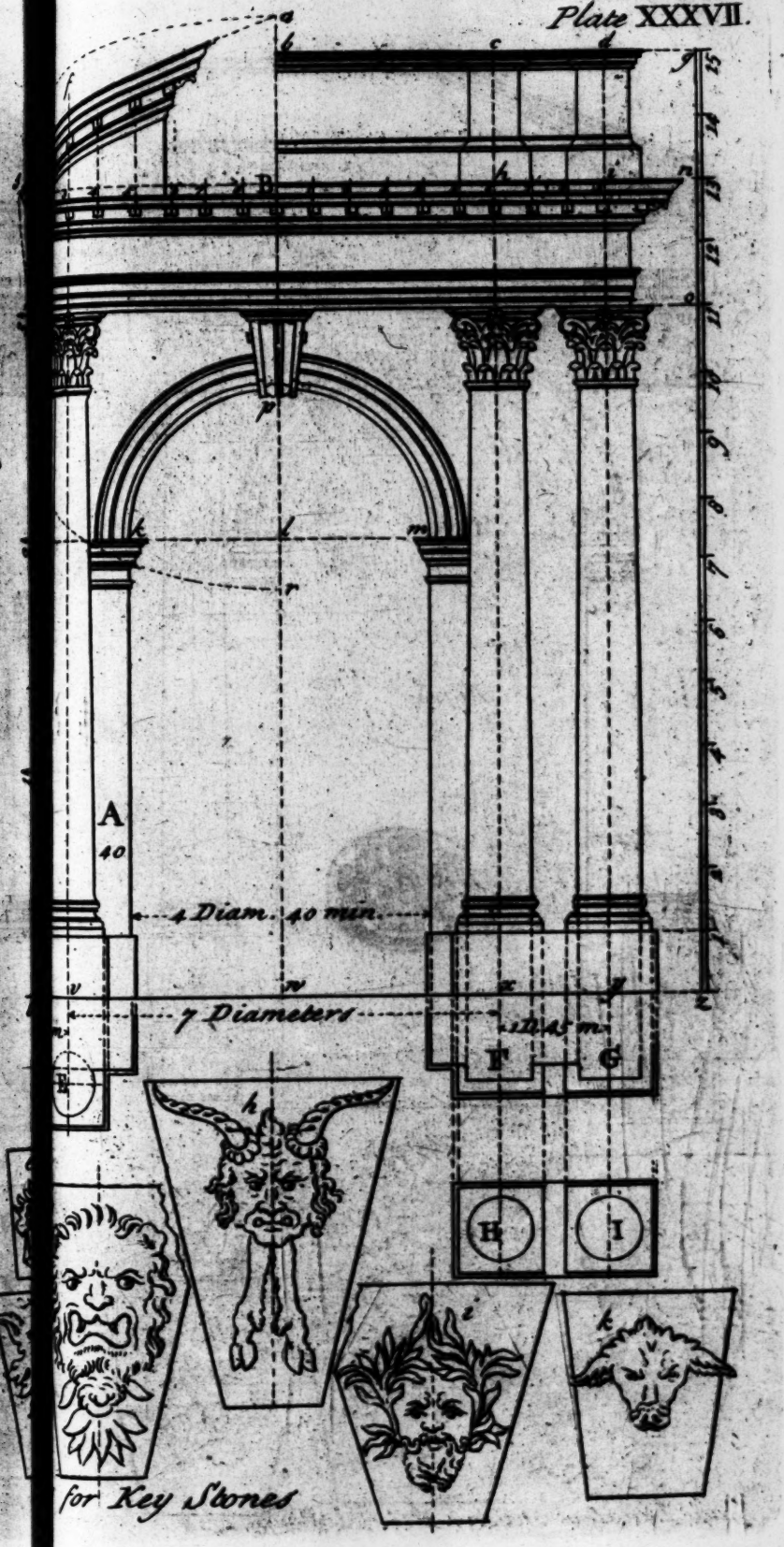


Fig. I

Batty Langley Invent. Delin. & Sculp. 1738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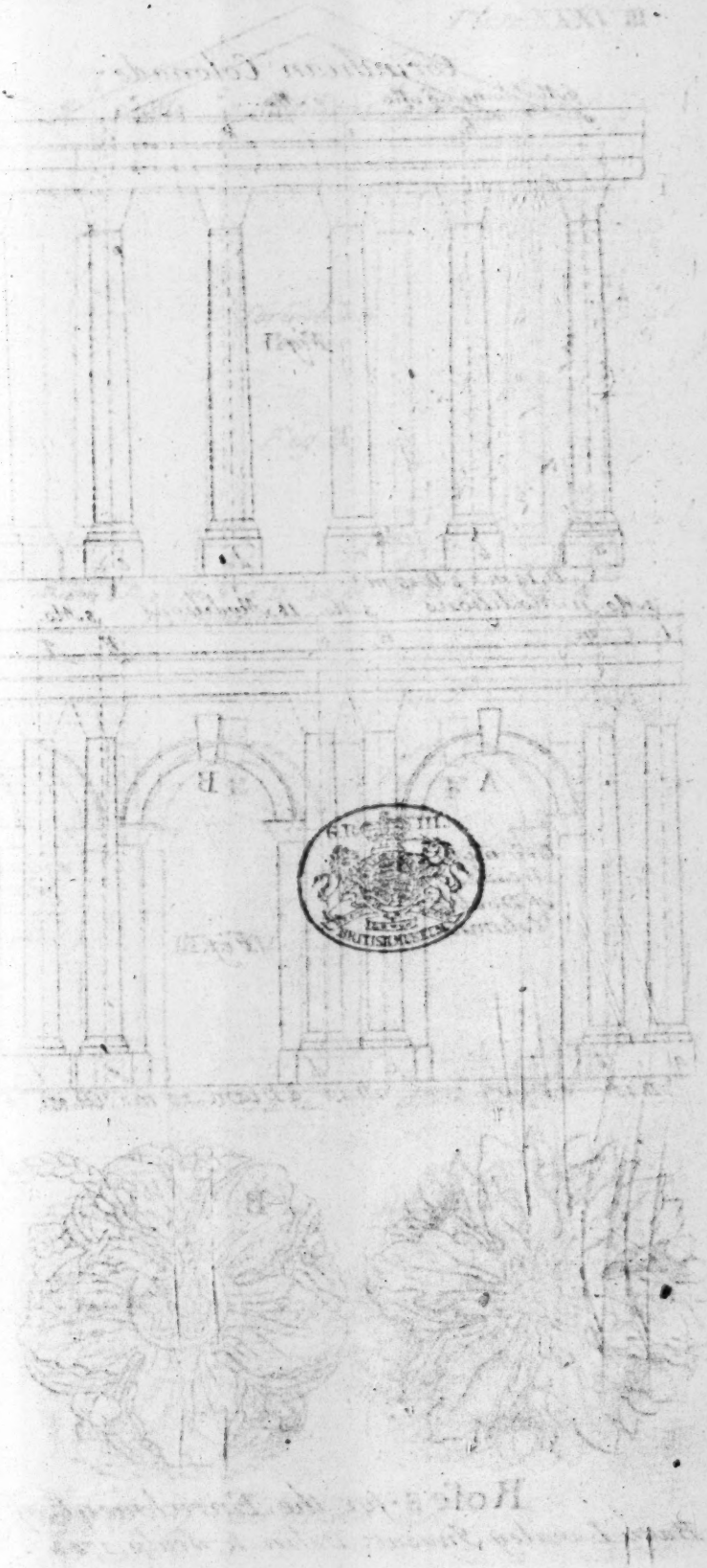
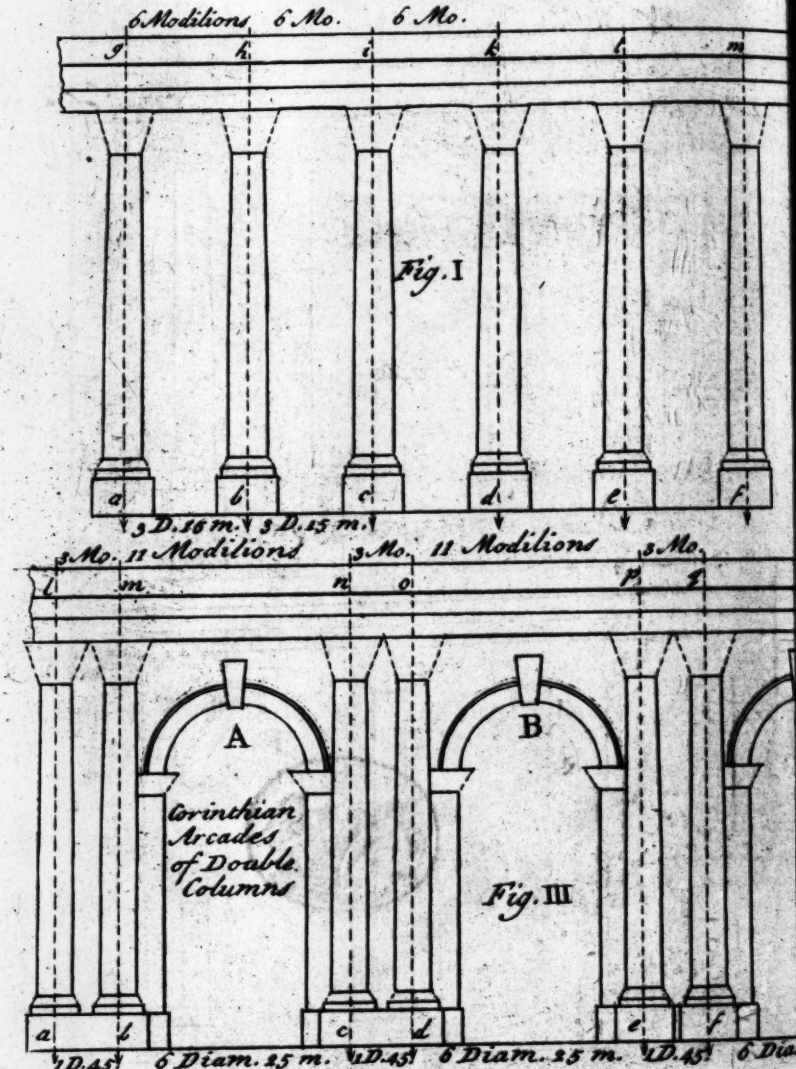
for Key Stones

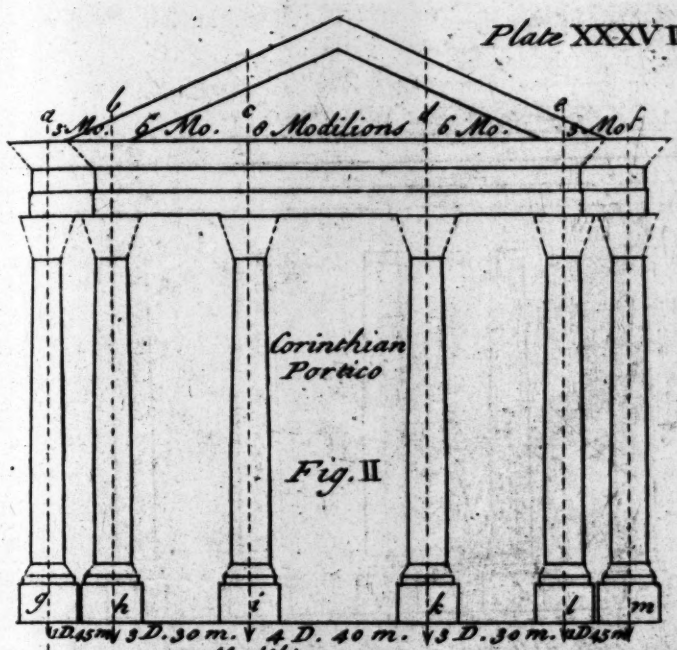


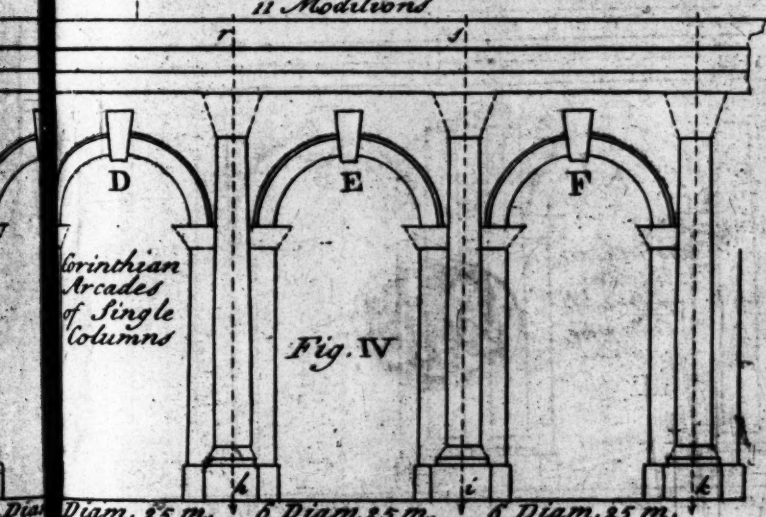
Corinthian Colonade



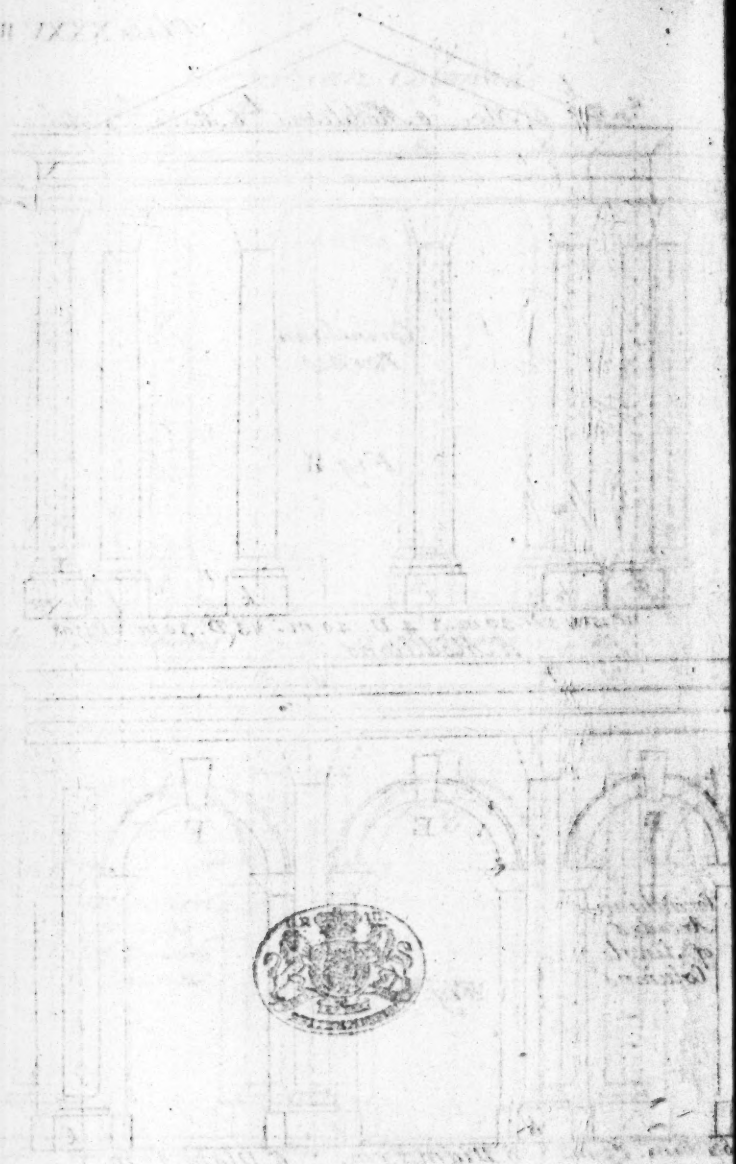
Roses for the Enrichment of Cof[fers] Plan[s]

Batty Langley Invent. Delin. & Sculp. 1738.





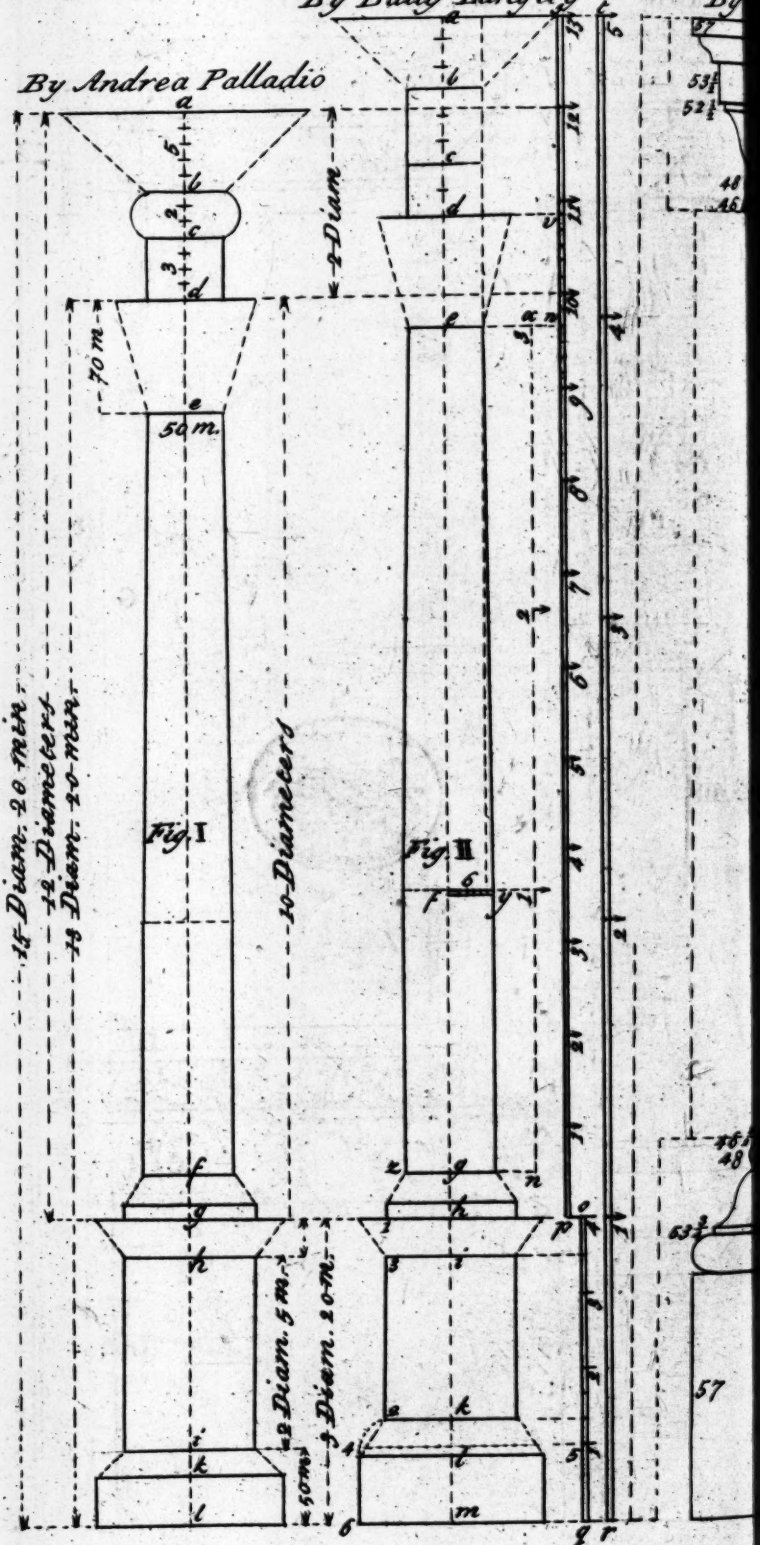
Planceer's of Cornices &c.



The Principal Parts of the Composite Order.

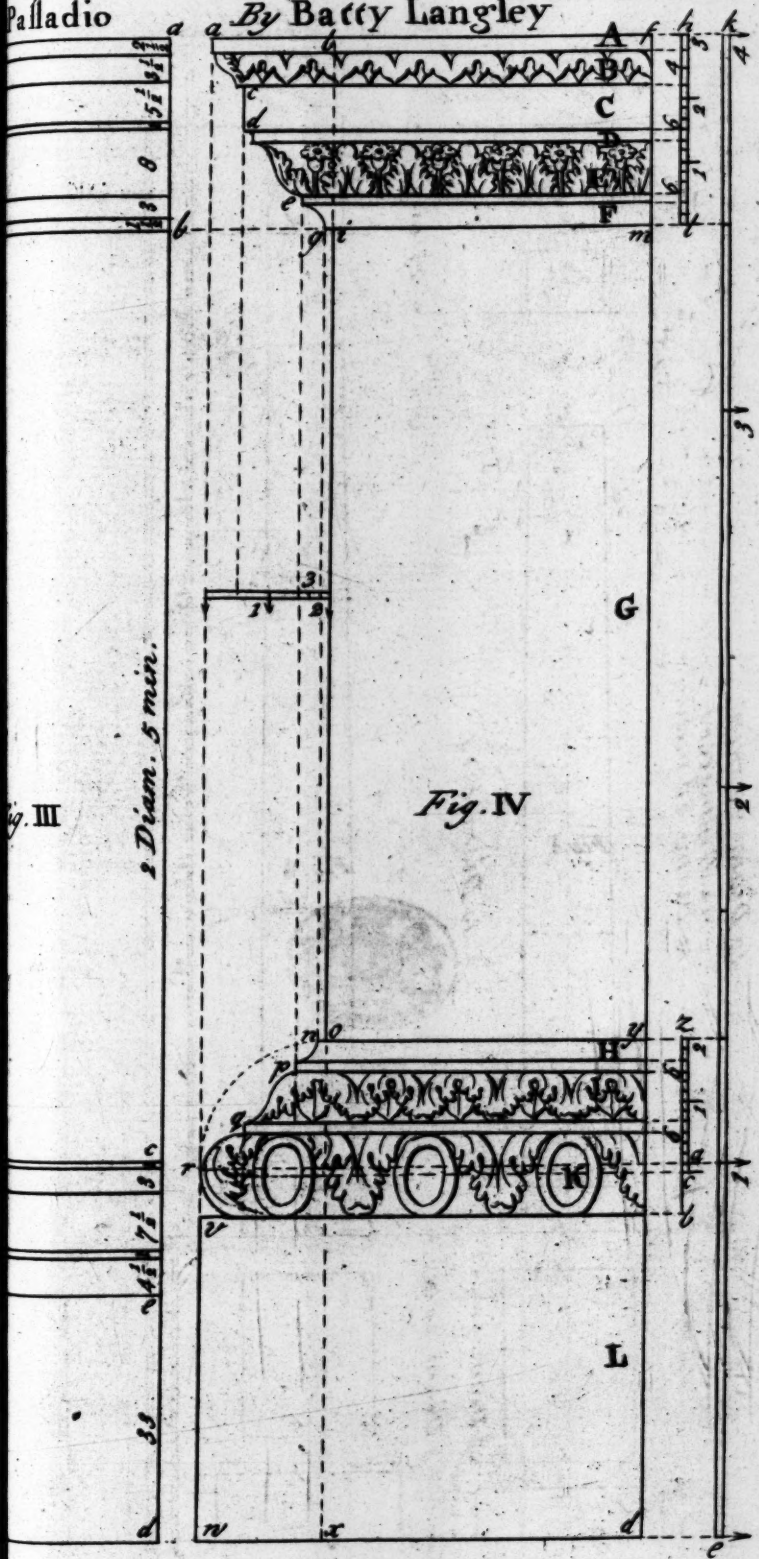
By Batty Langley

By Andrea Palladio

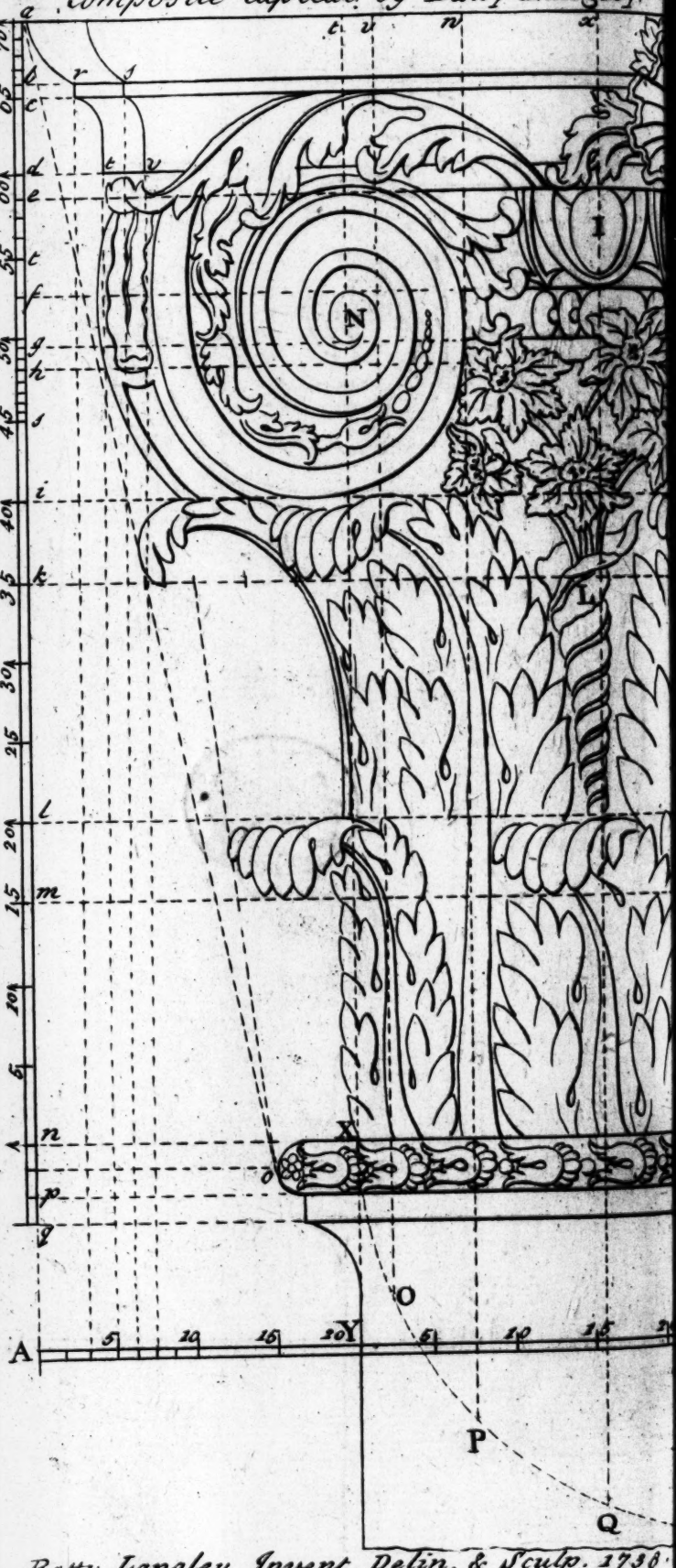


Batty Langley Invent. Delin. & Sculp. 1738.

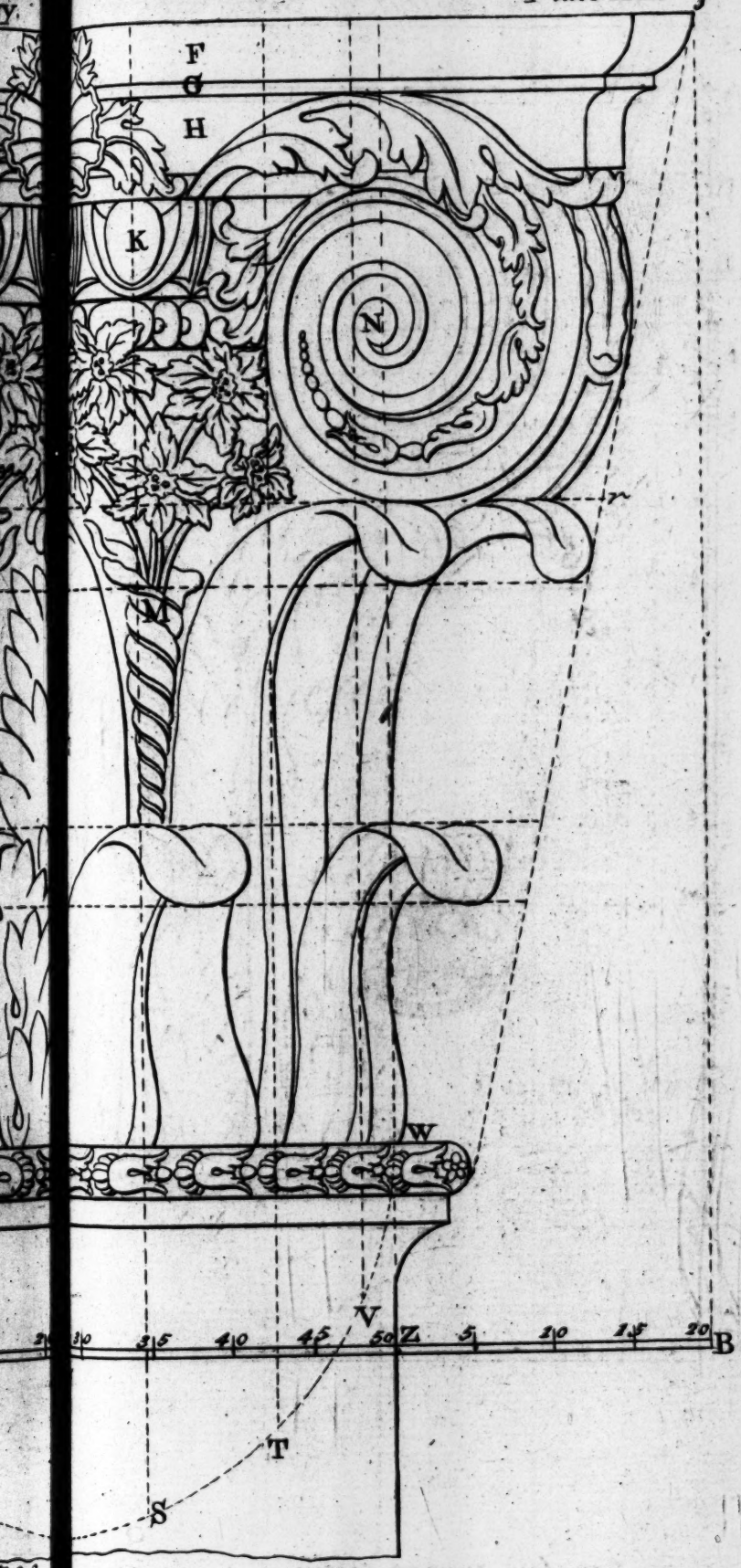
Palladio By Batty Langley



Composite Capital by Batty Langley.



Batty Langley Invent. Delin. & Sculp. 1738.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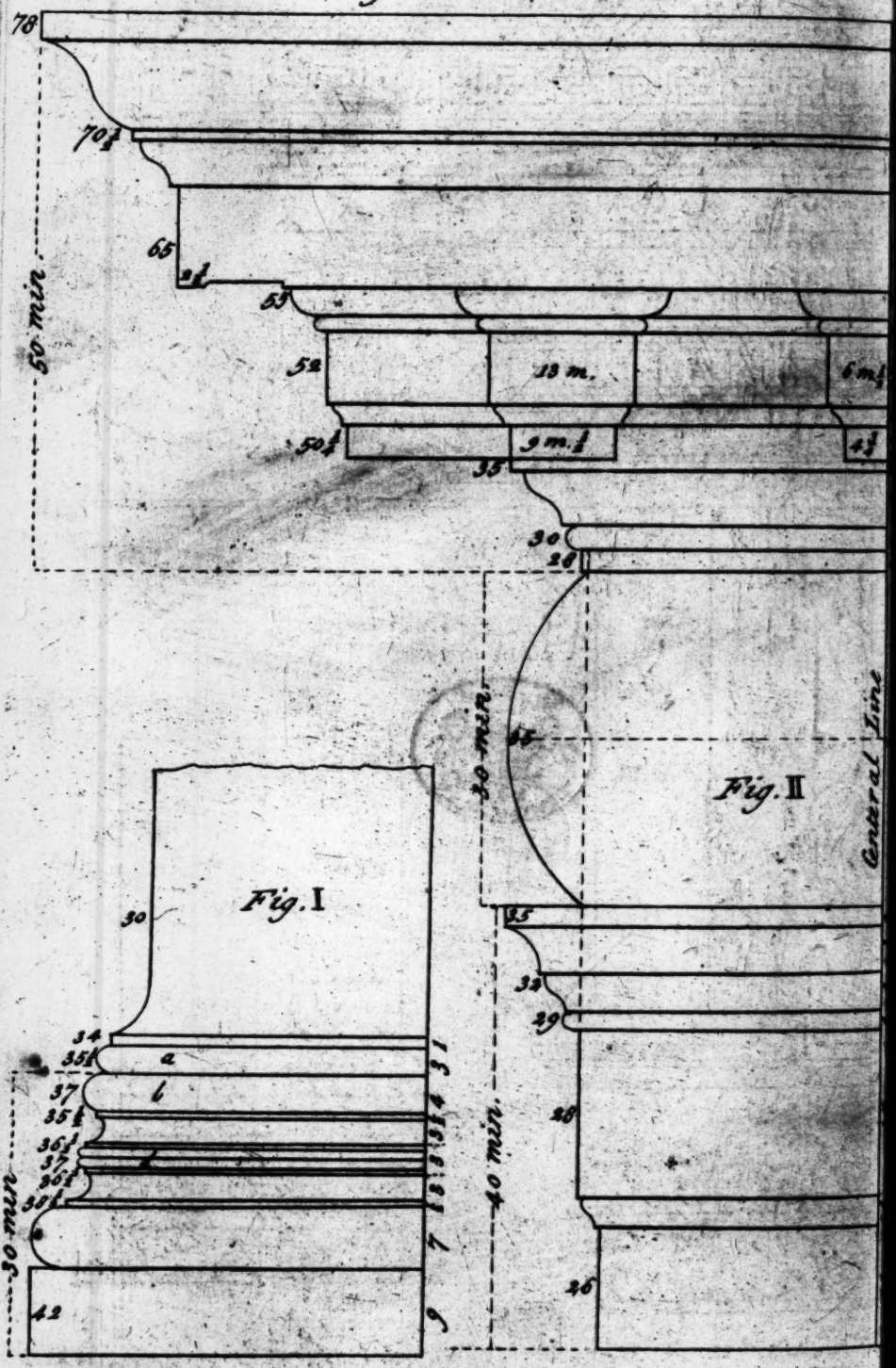
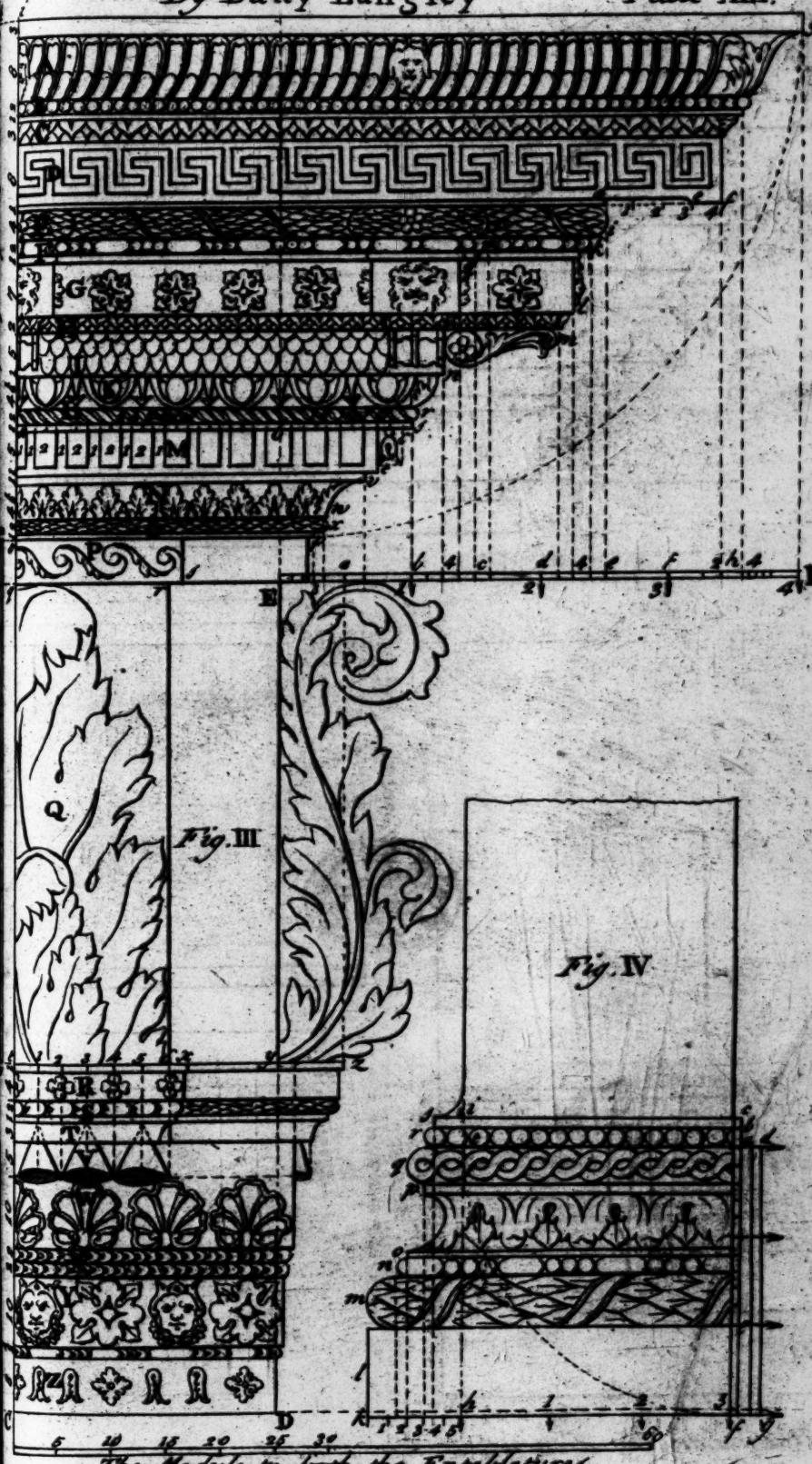
The Composite Or

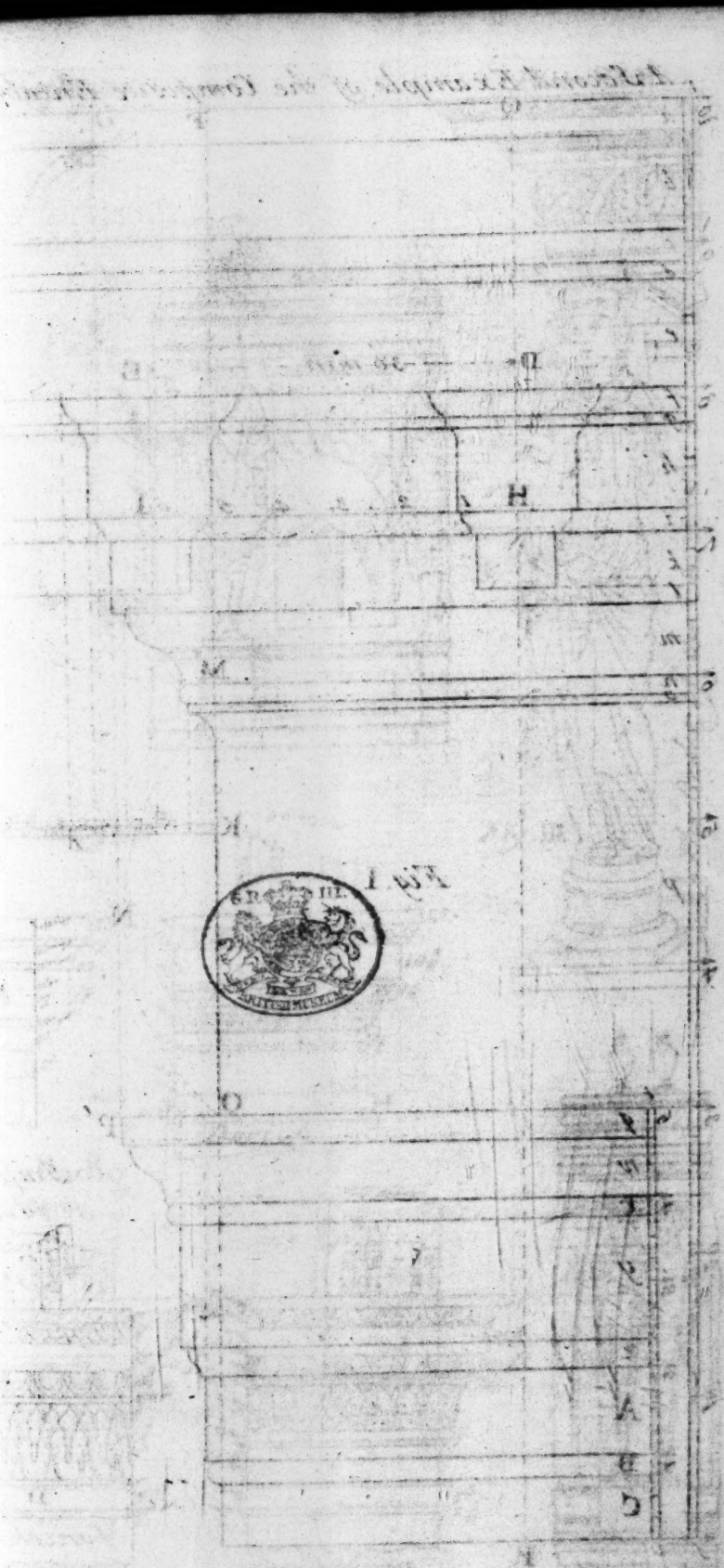
By Andrea Palladio



Batty Langley Invent. Delin. & Sculp. 1730.



The Module to both the Entablatures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A Second Example of the Composite Entablature

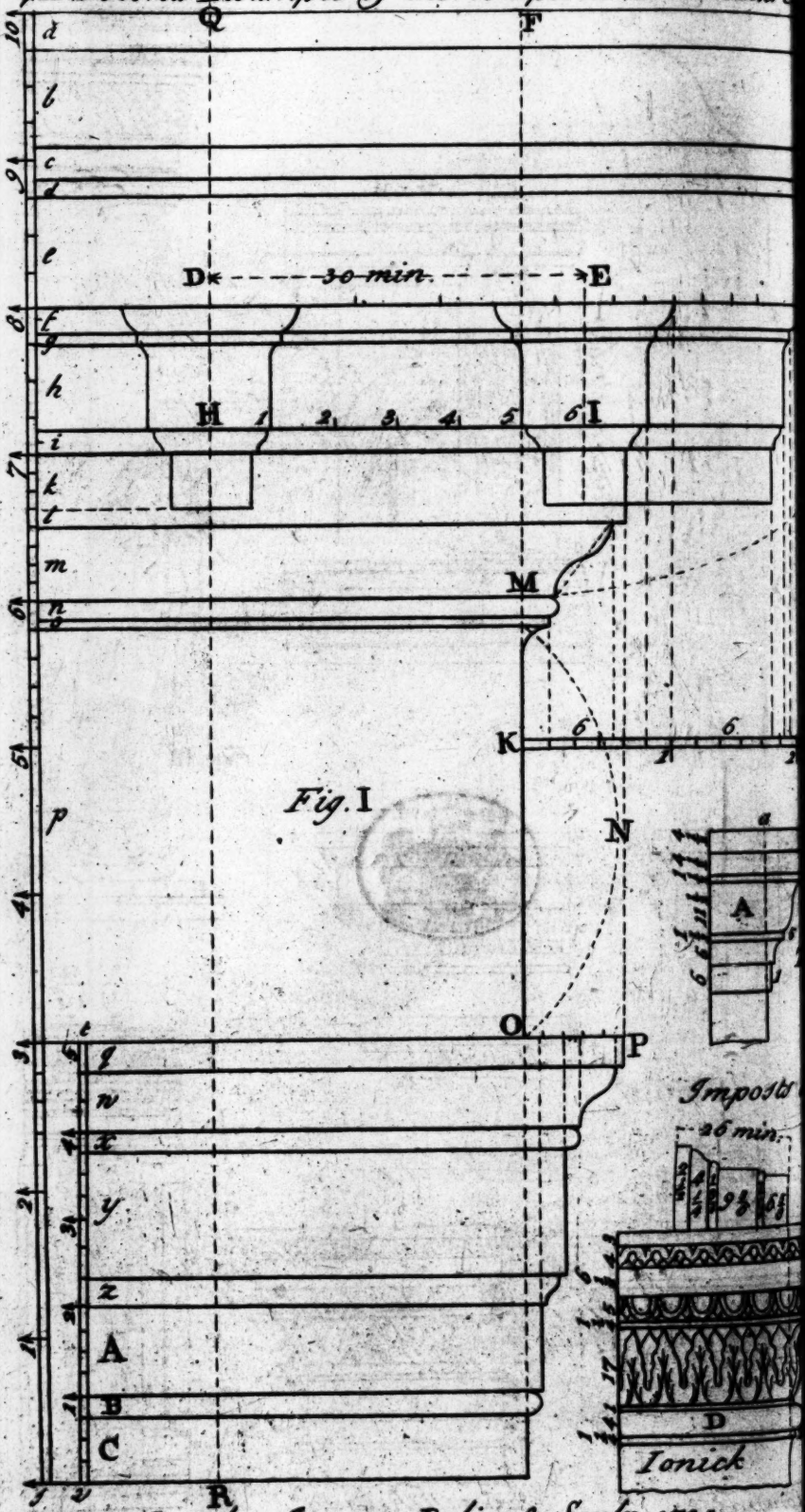
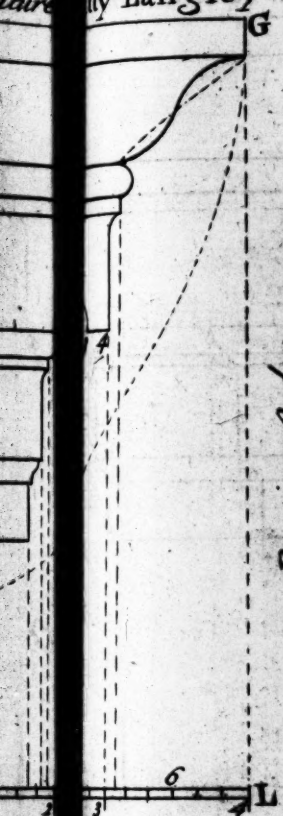
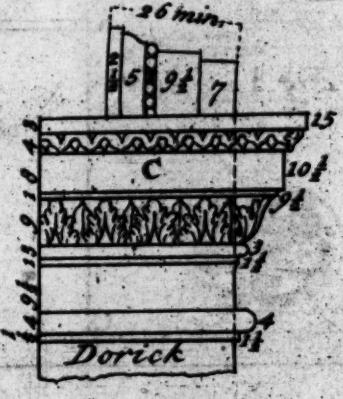


Fig. I

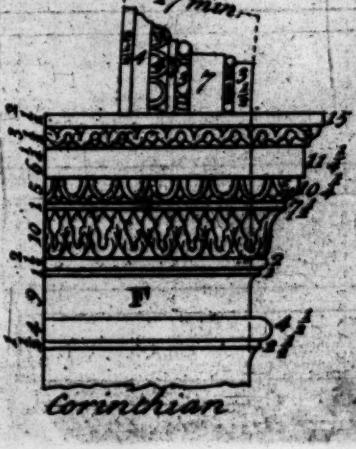
Batty Langley Invent. Delin. & Sculp. 1736.

Plate XLII.





rea Palladio



K.B.M. III.
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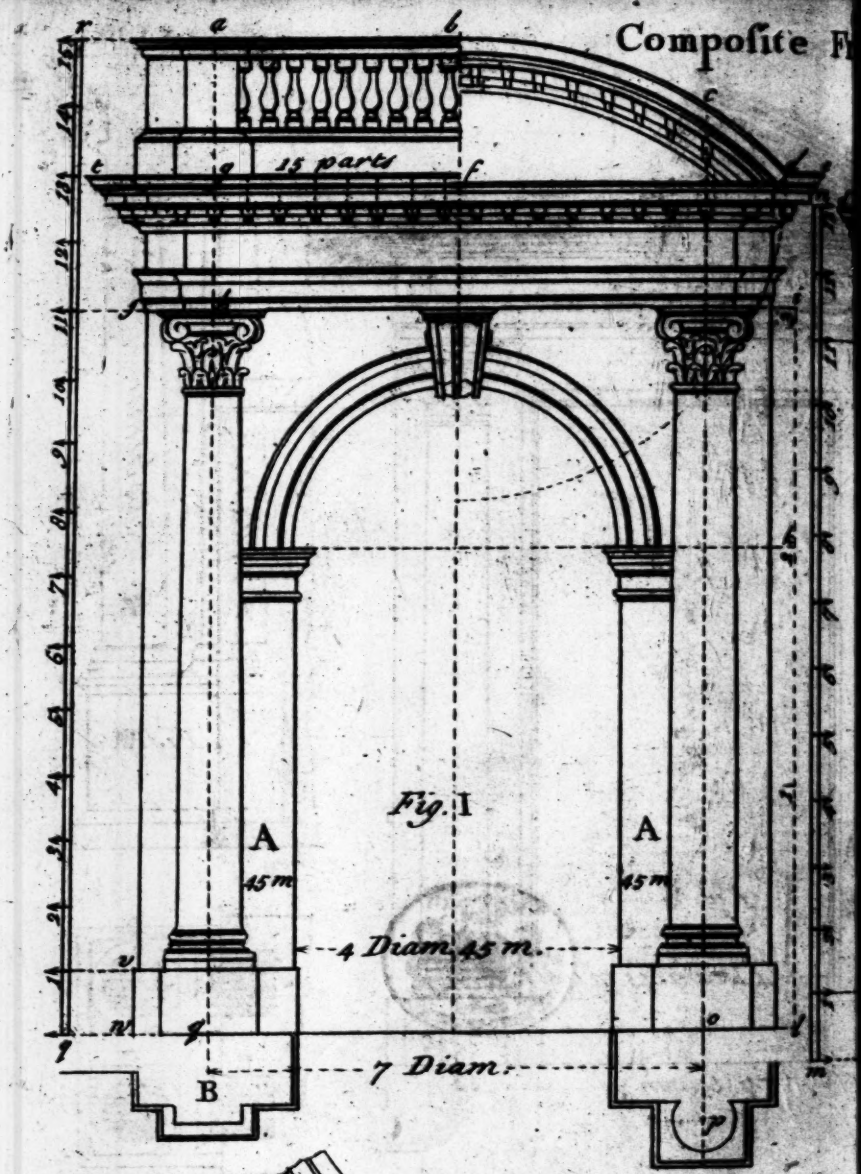


Fig. I

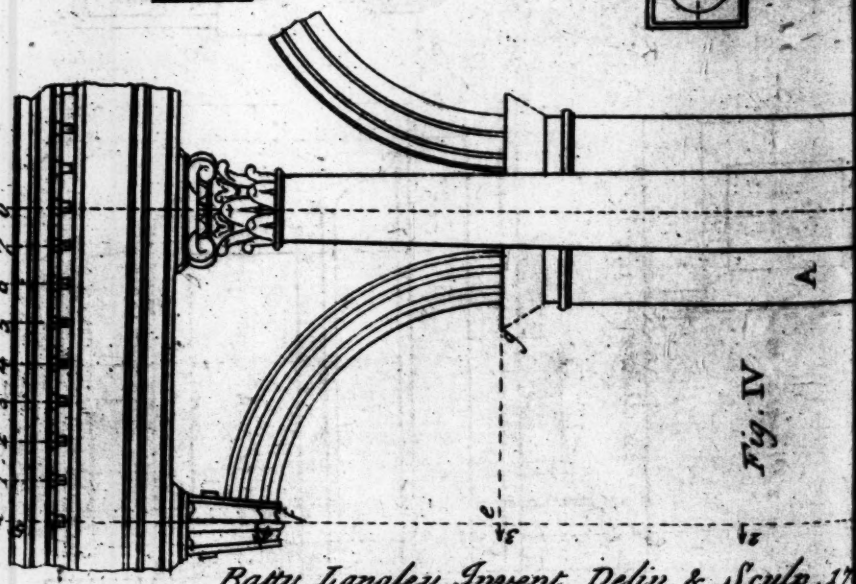
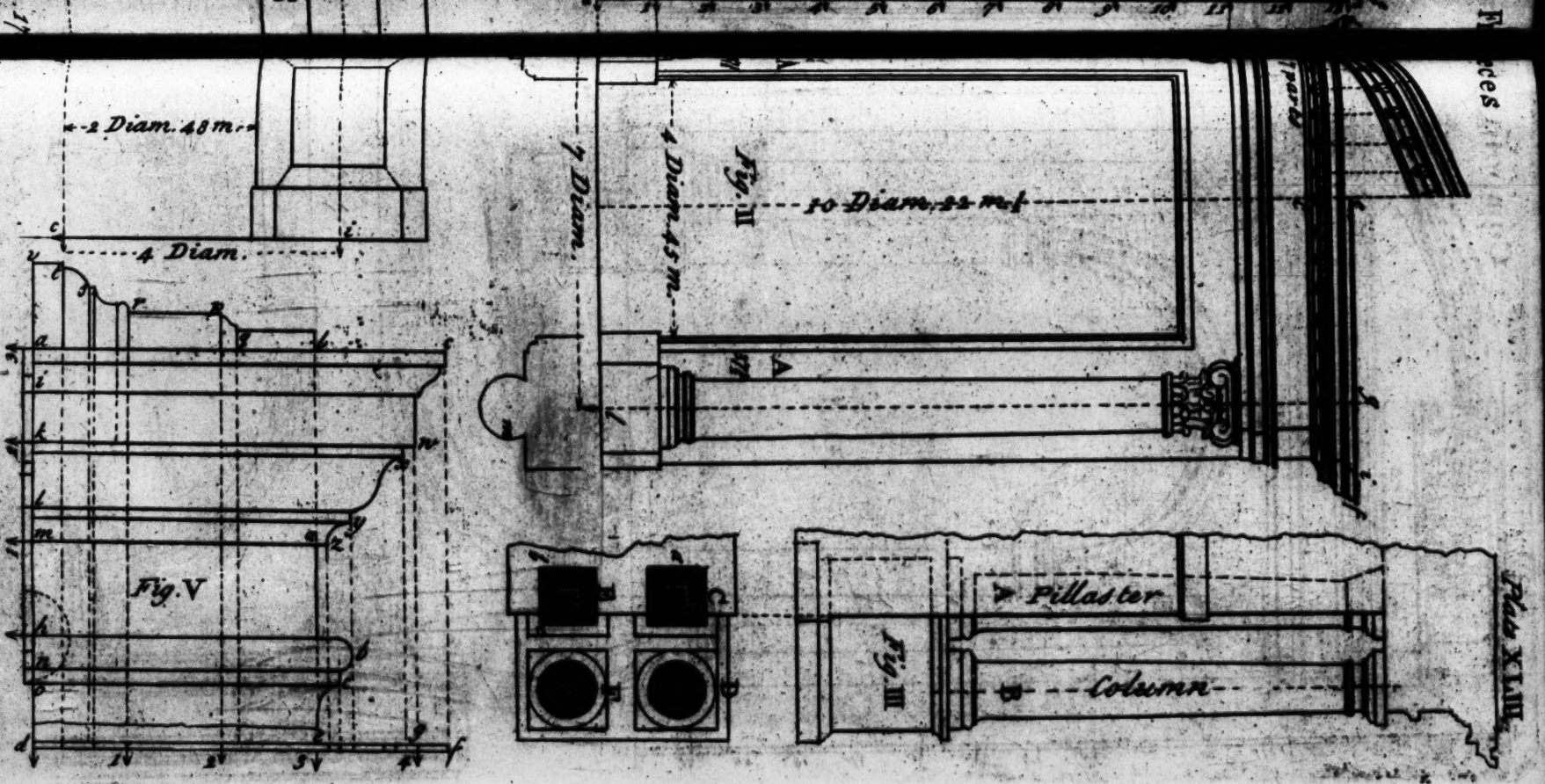
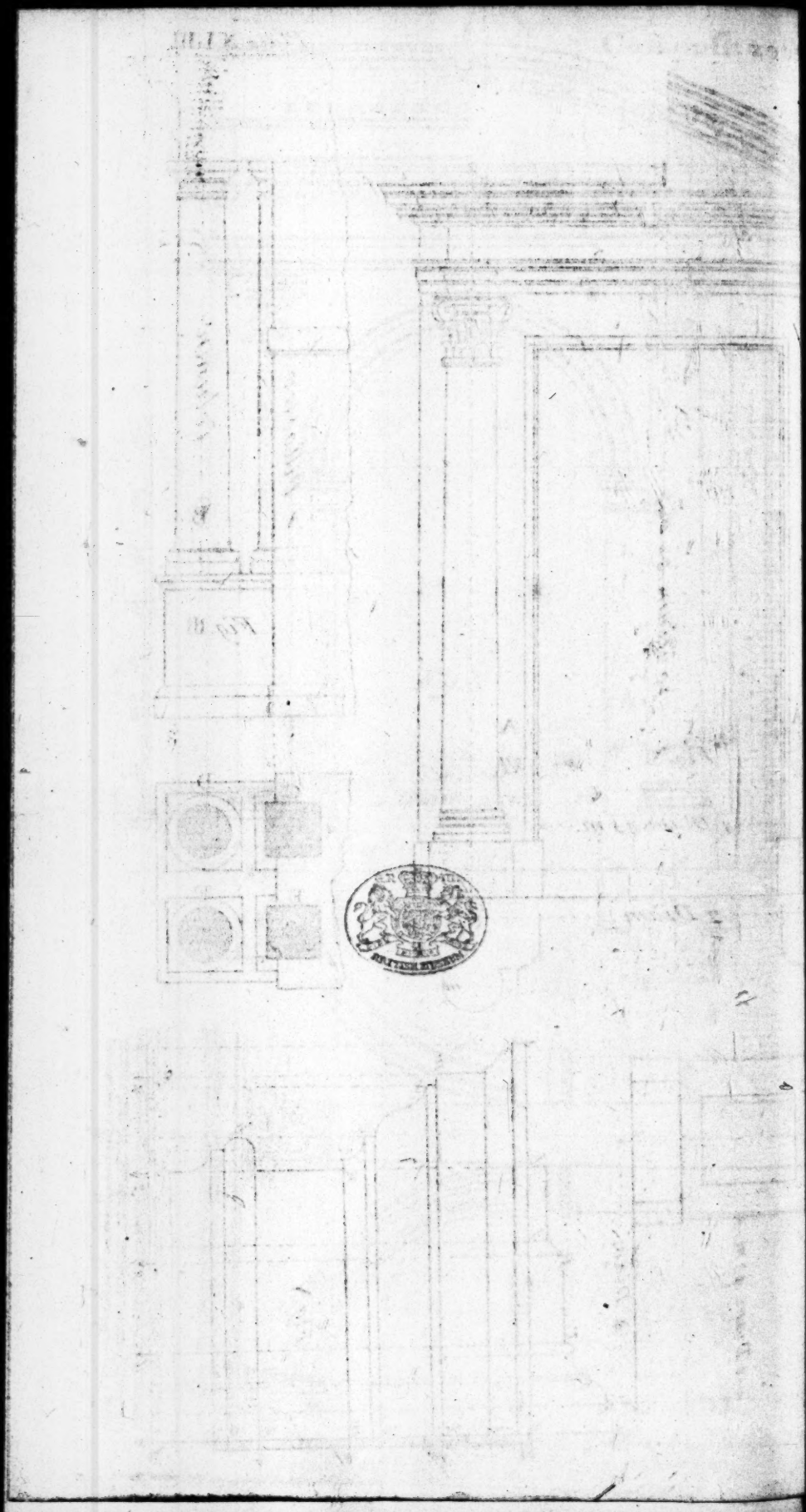


Fig. IV

Batty Langley Invent. Delin. & Sculp. 17


2 Diam. 48 m.
4 Diam.
Fig. V
7 Diam.
4 Diam. 45 m.
Fig. II
10 Diam. 22 m.
Pillaster
Column
Fig. III
Plate XLIII.



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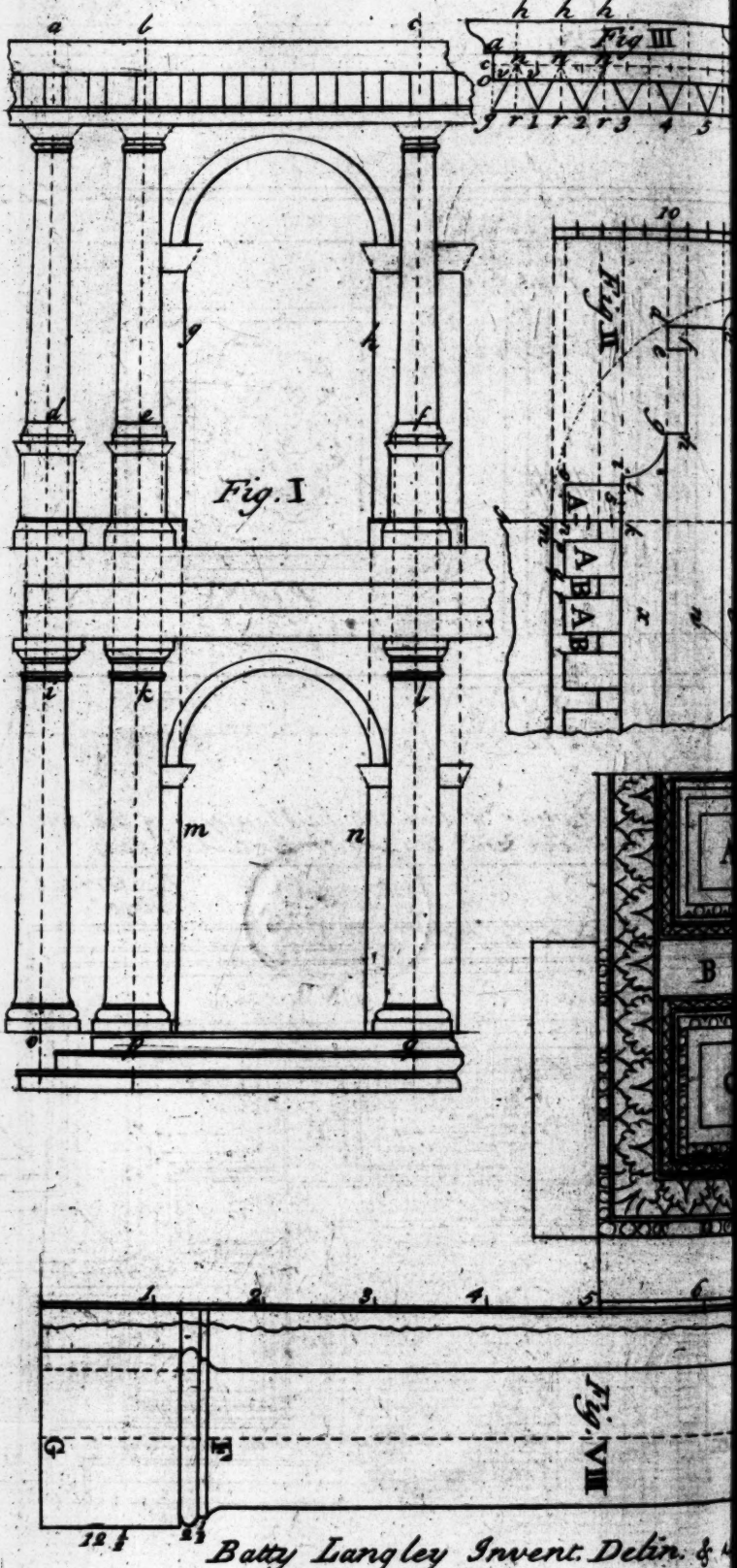


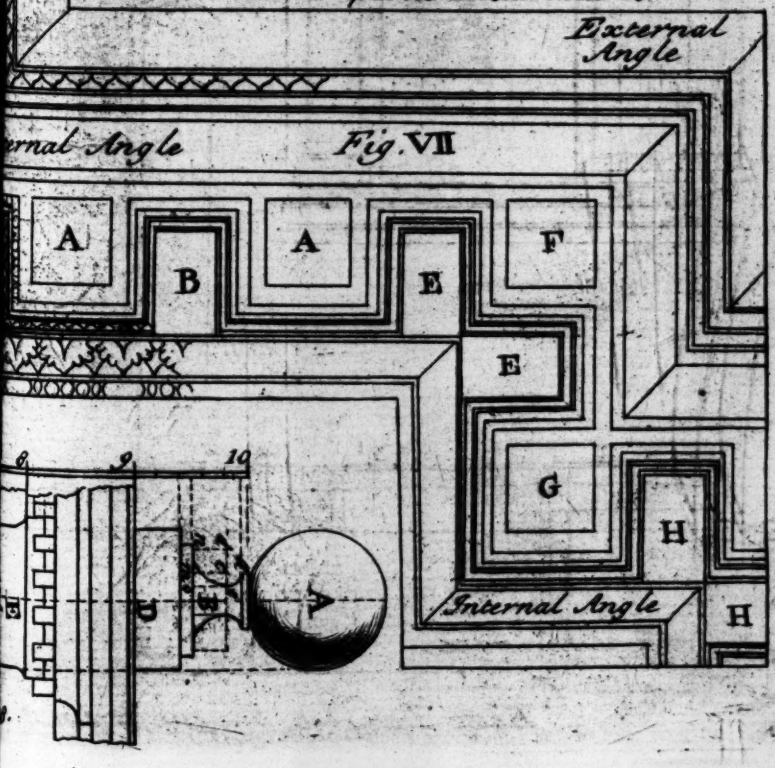
Fig. I
Fig. II
Fig III
Fig. VII
Batty Langley Invent. Delin. &

Fig. IV

Fig. V

Fig. VI

The Manner of dividing the Planceers of the Ionick Corinthian and Composite Entablatures



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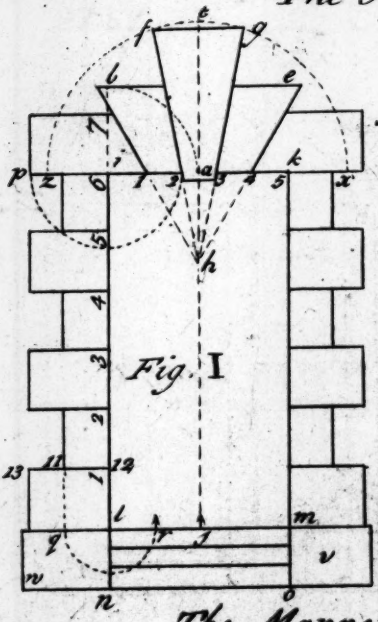
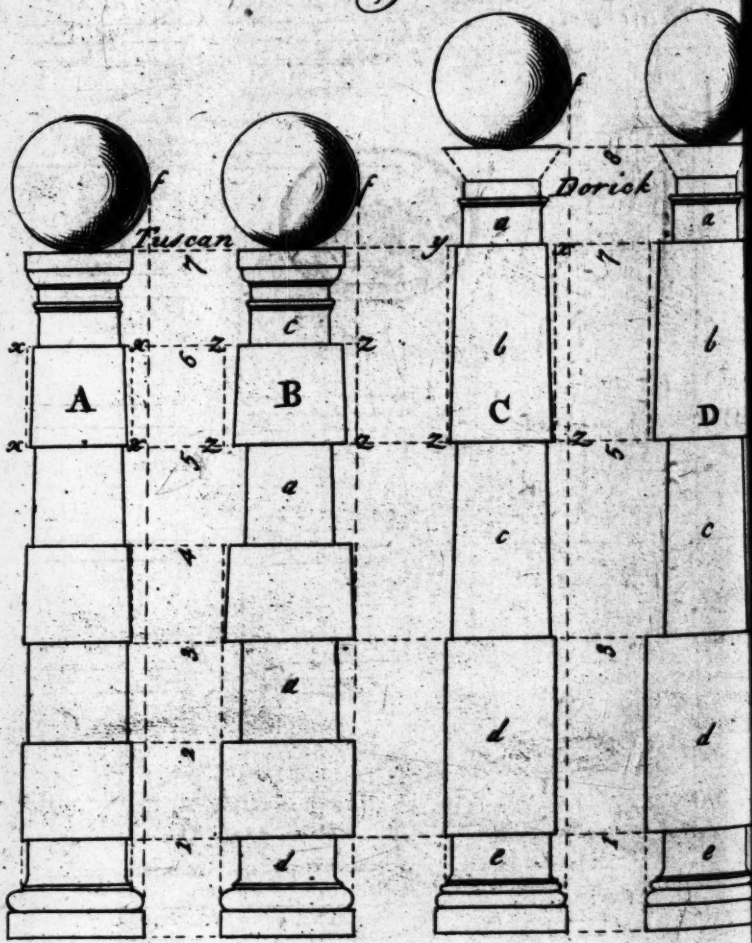
The Manner of Rusticating



The Manner of Rusticating the Sh



Batty Langley Invent.

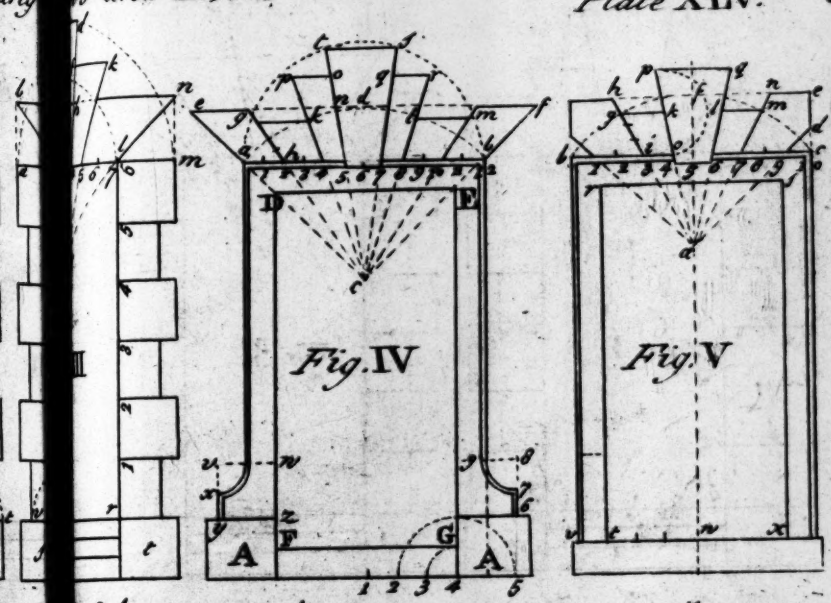
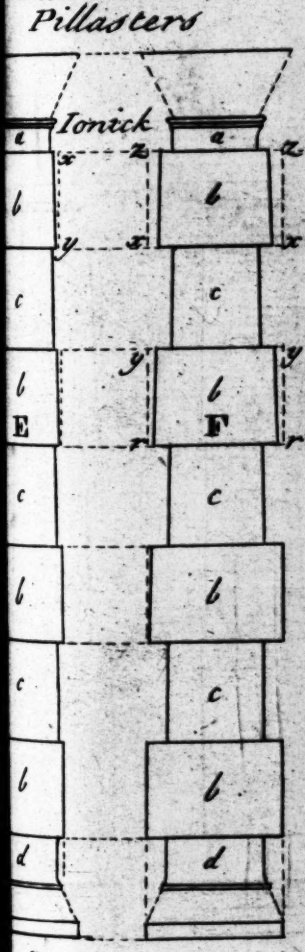


Fig. IV

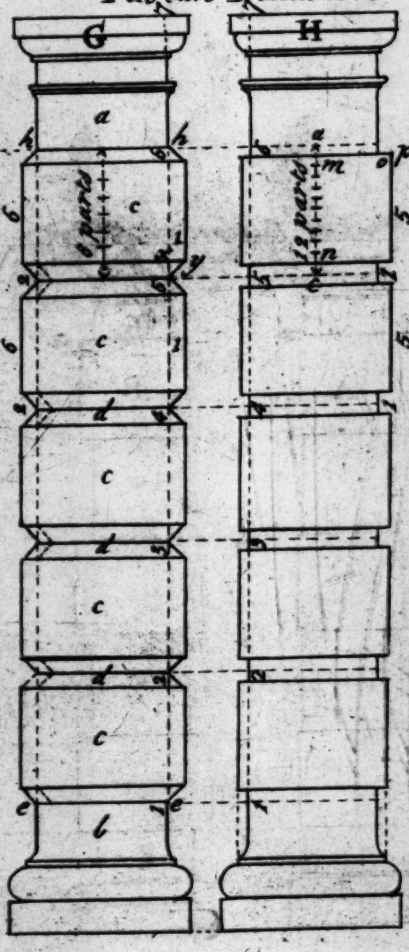
Fig. V

Columns and Pillasters

Ionick



Tuscan Pillasters



Sculp. 1738.

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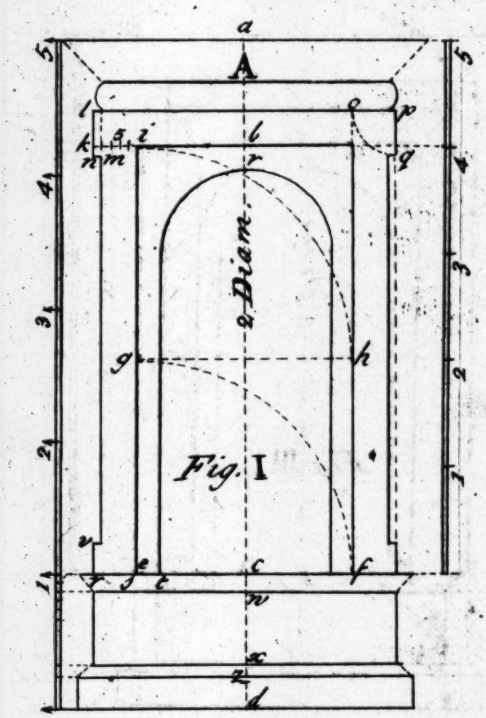
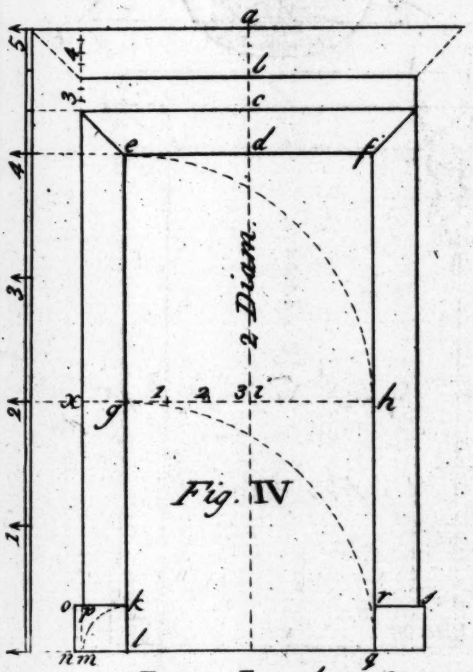
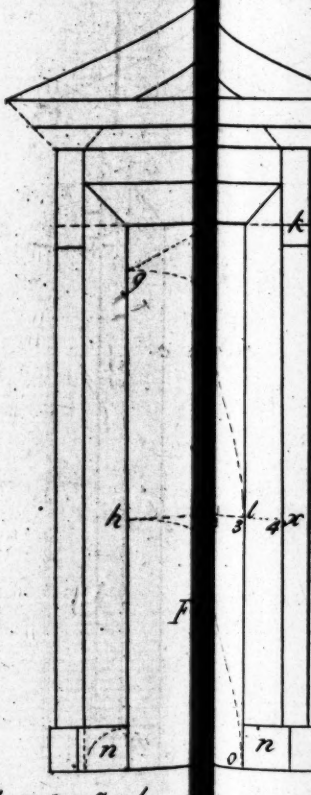
The Manner of Proportioning the Principal pa *Archit*
Entablatures to **Doors, Windows & Niches.**







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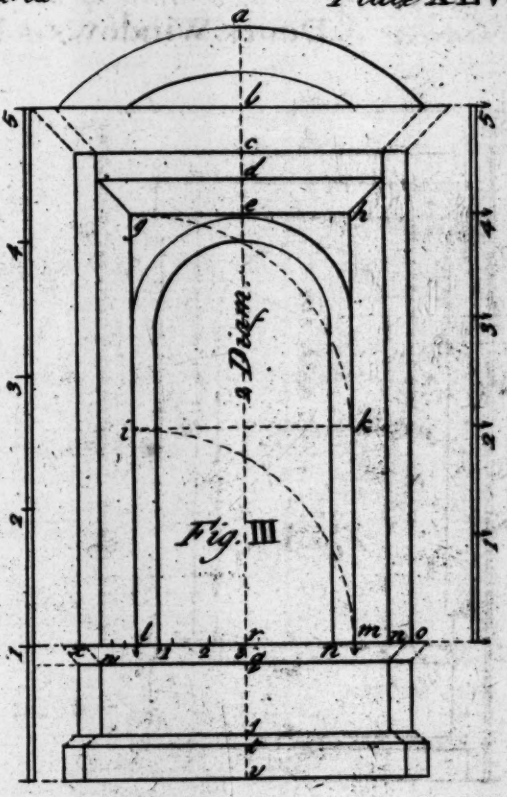

Fig. III

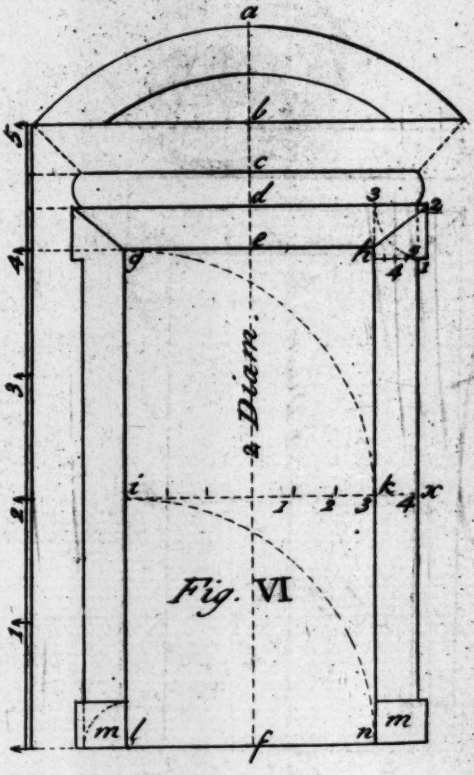

Fig. VI

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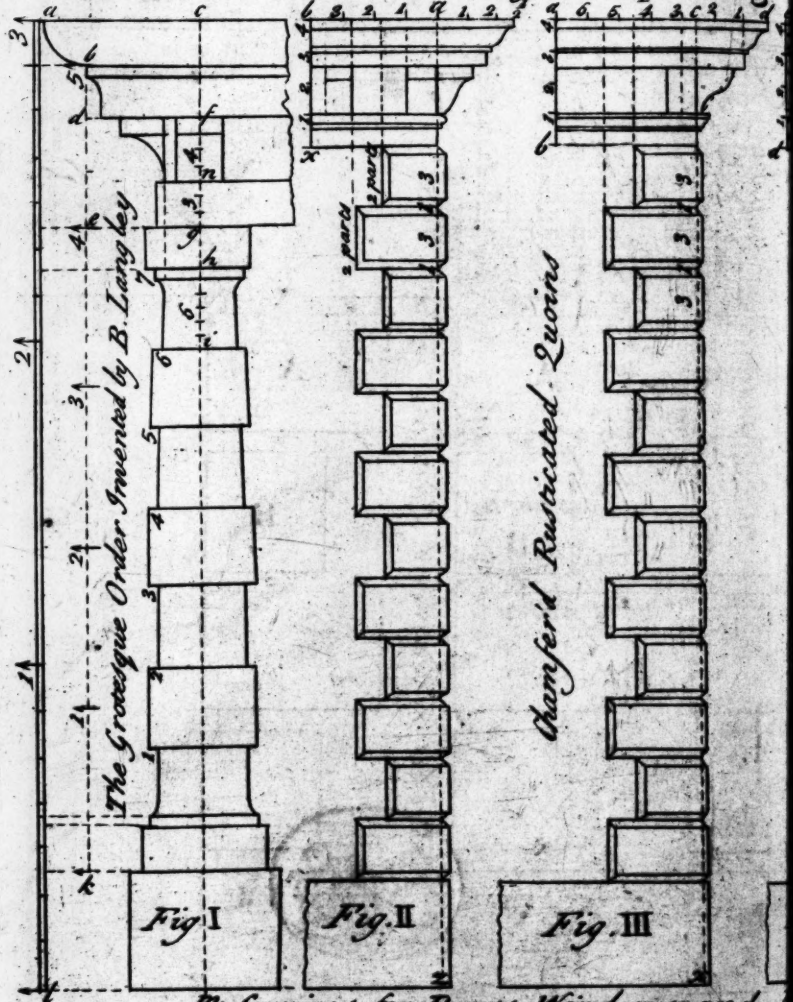
Block Cornices by Batty Langl



Cornices for Doors, Windows and

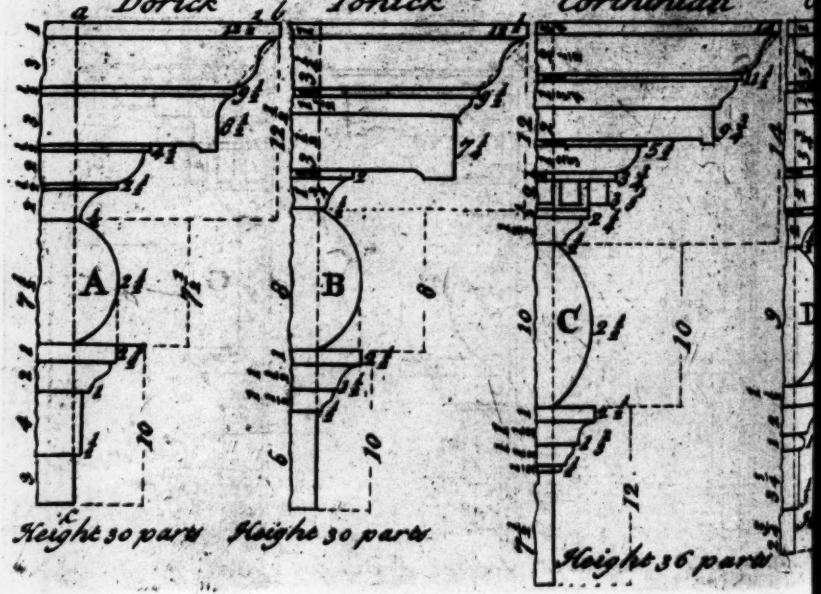
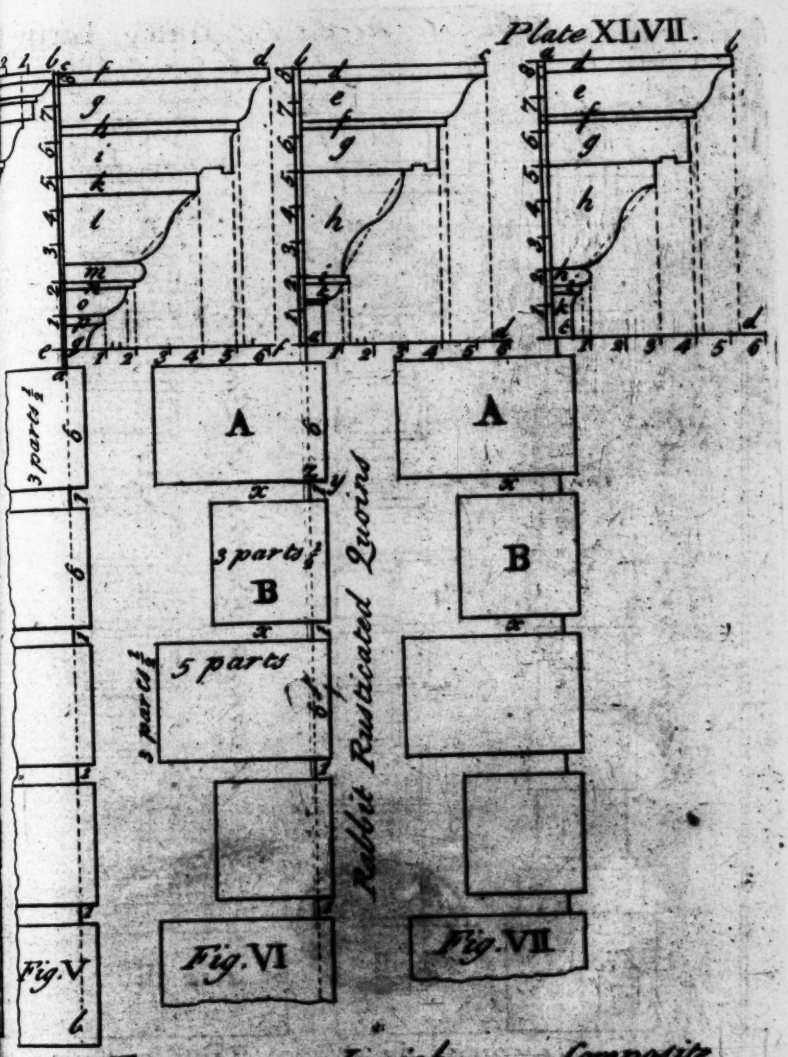
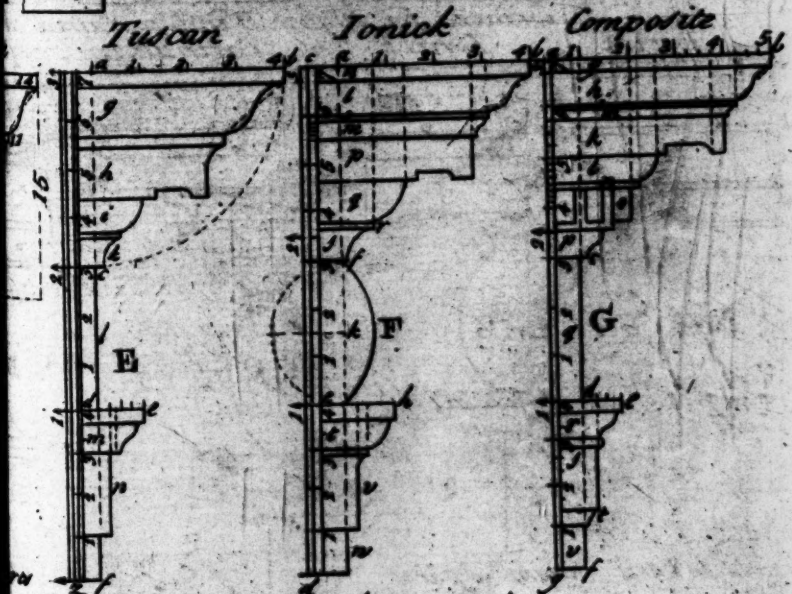
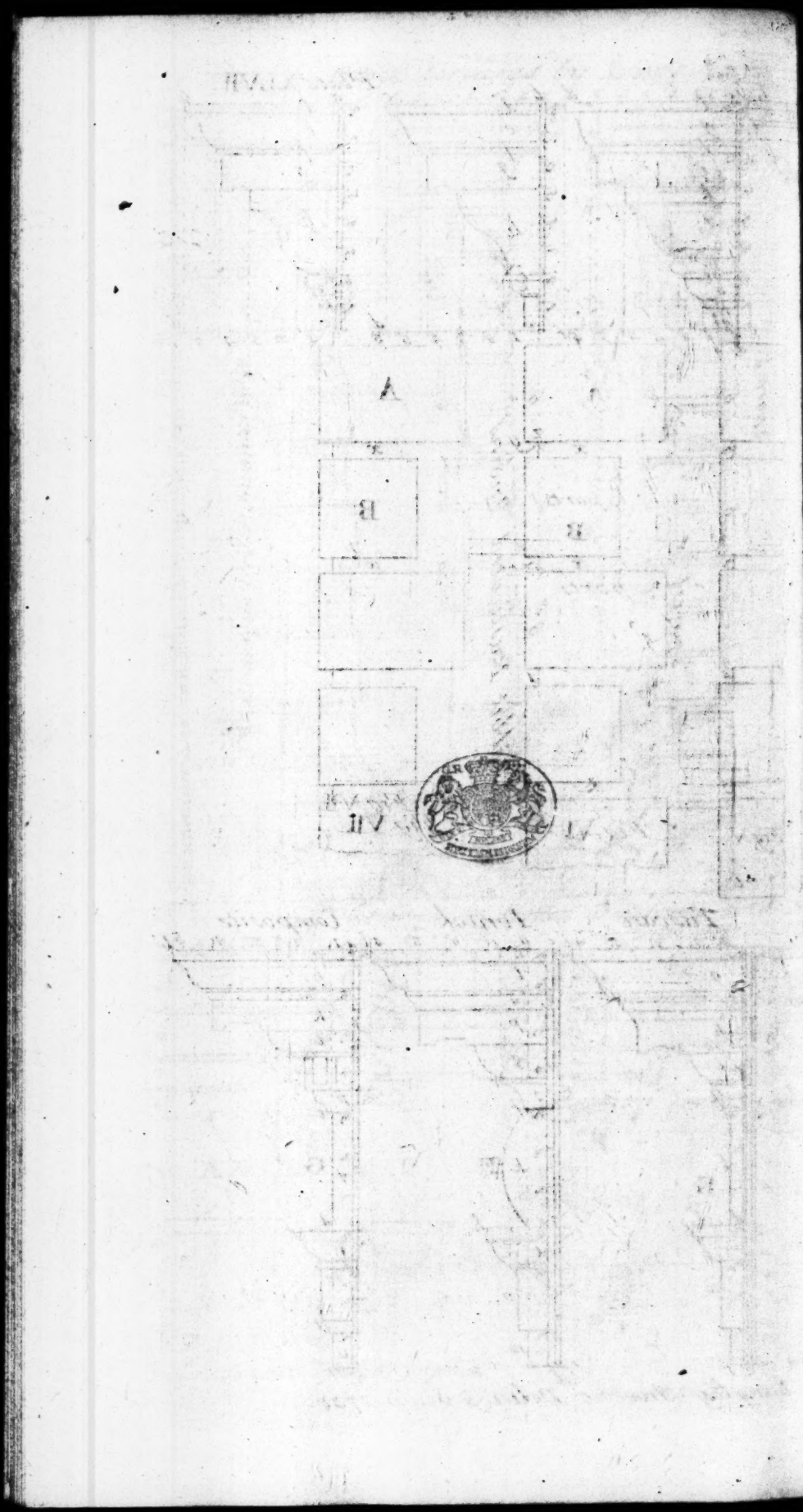


Plate XLVII.





Langley Invent. Delin. & Sculp. 1738.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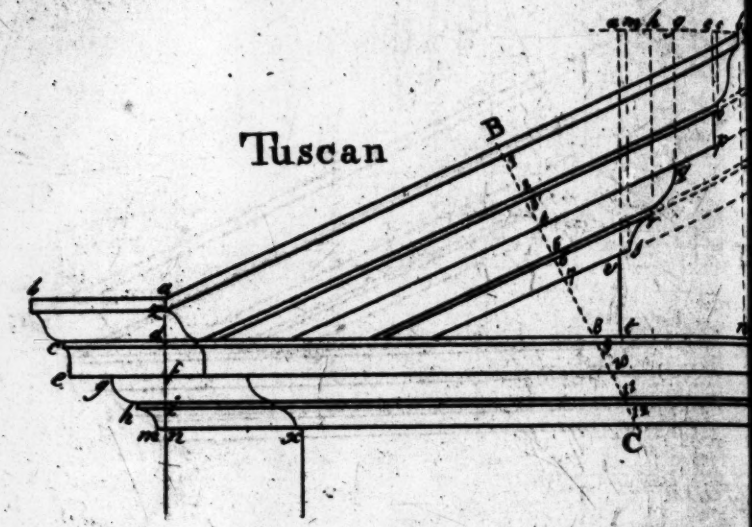
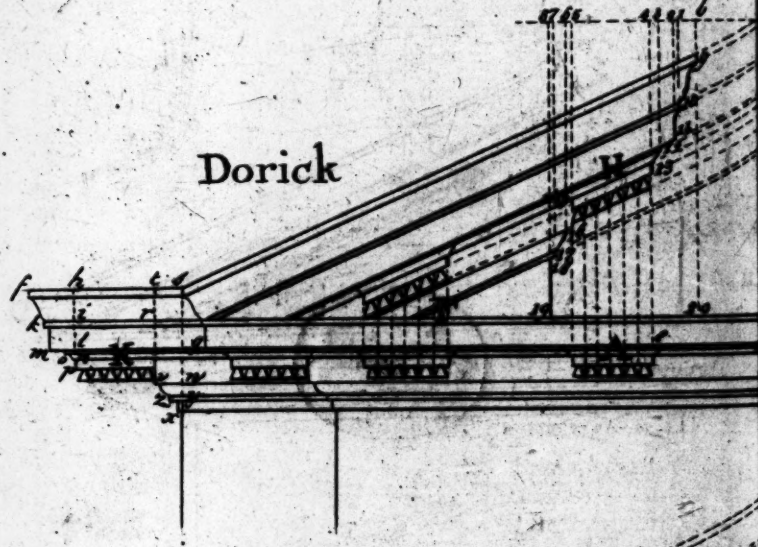
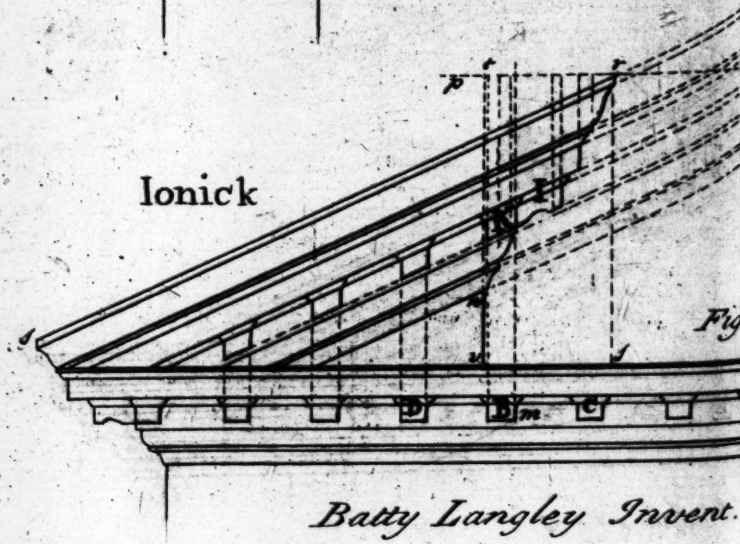
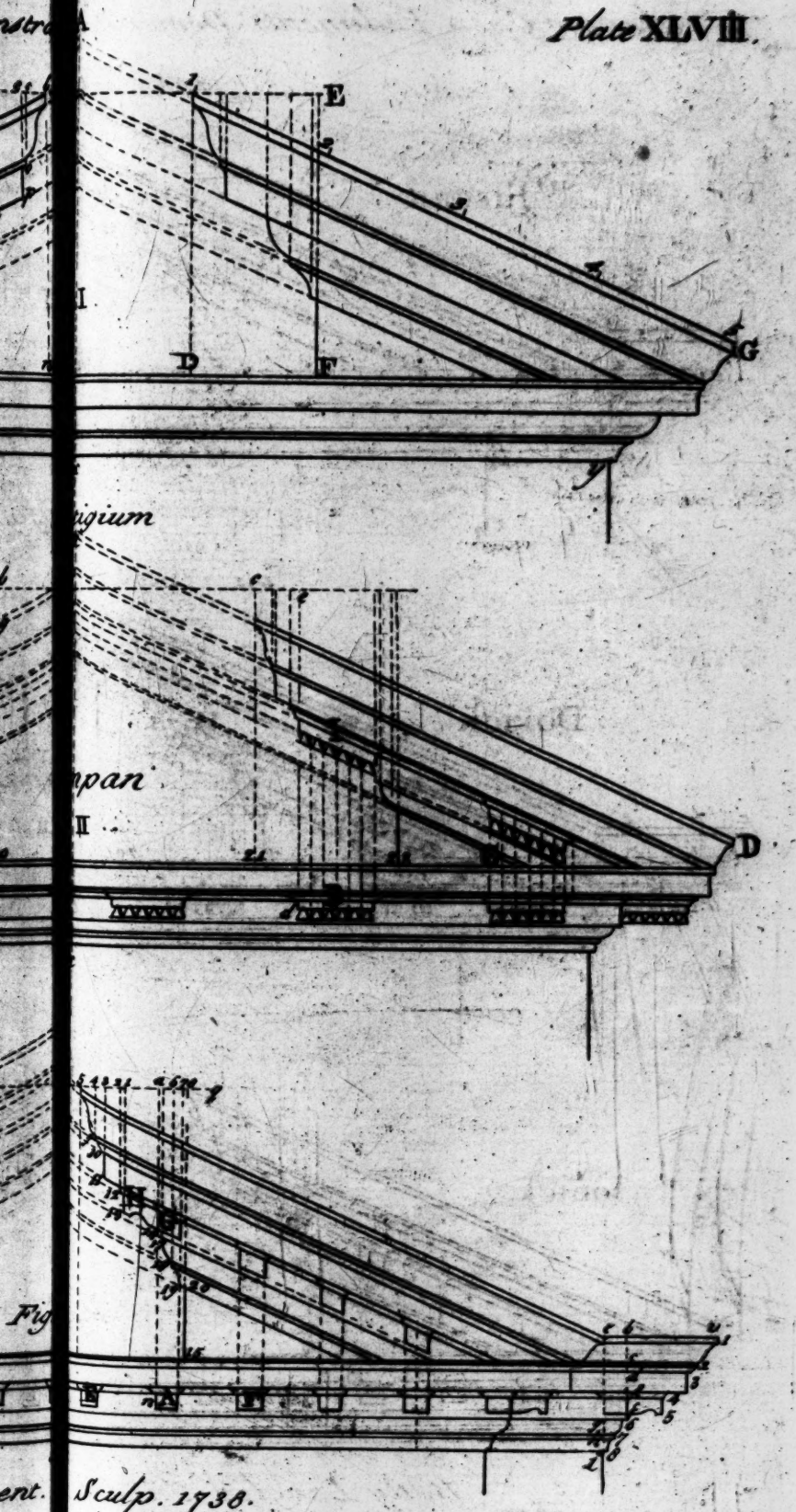
Broken, or Open Pediments Demonstr







Batty Langley Invent.



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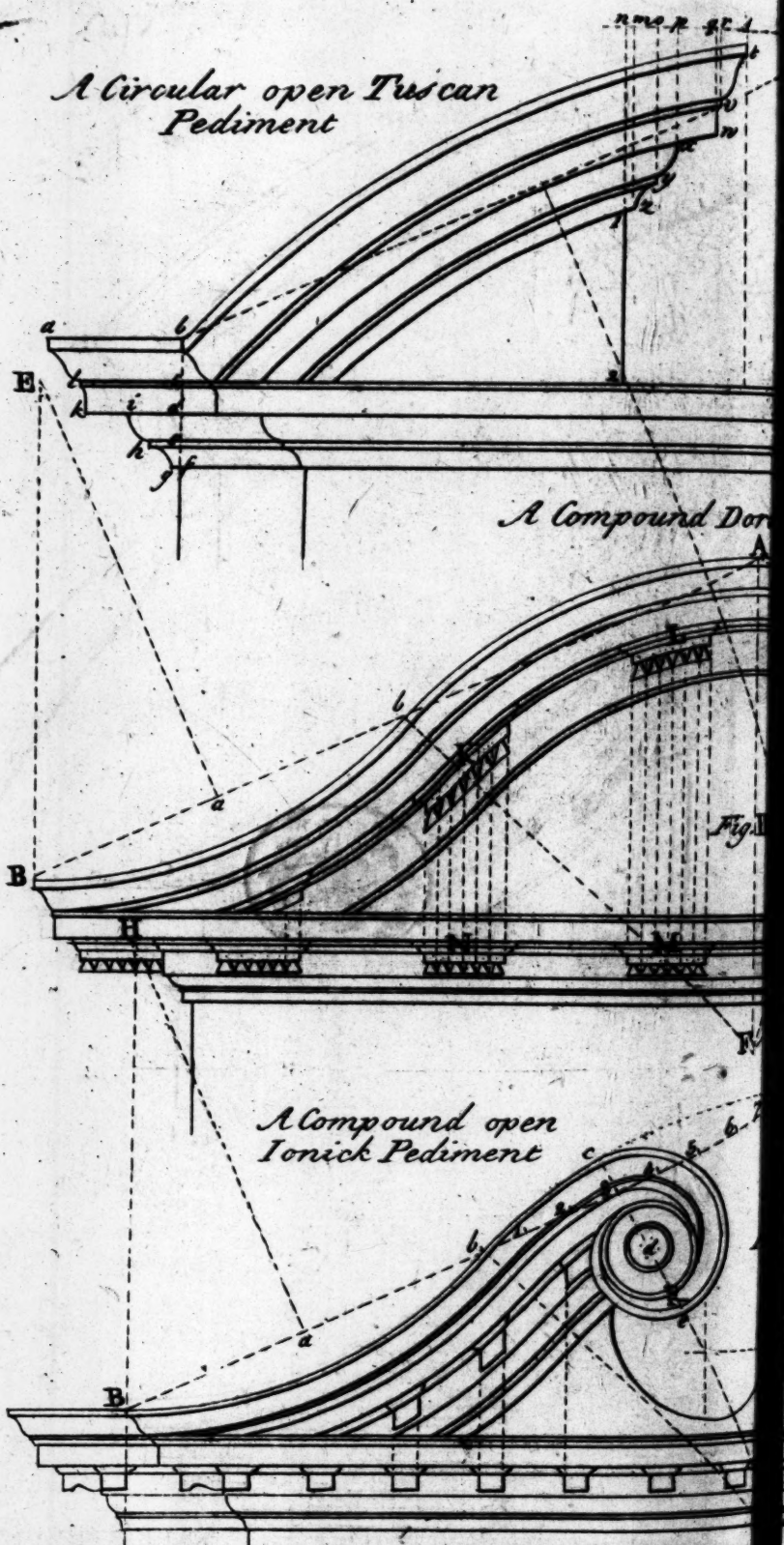
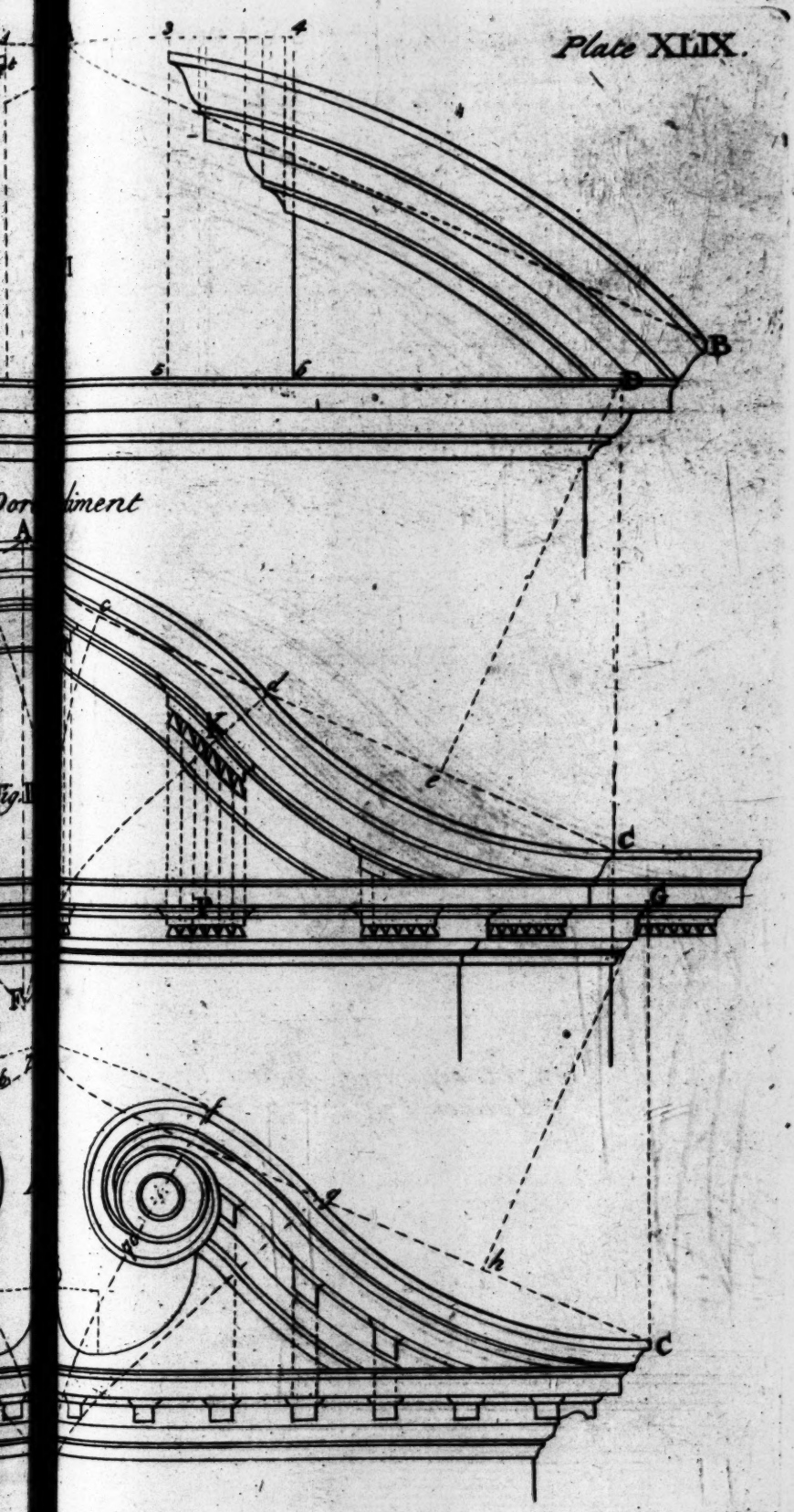


Batty Langley Invent. Delin. & Sculp. 1738.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BRITISH MUSEUM

Scarfings for Raisings, Plates &c.

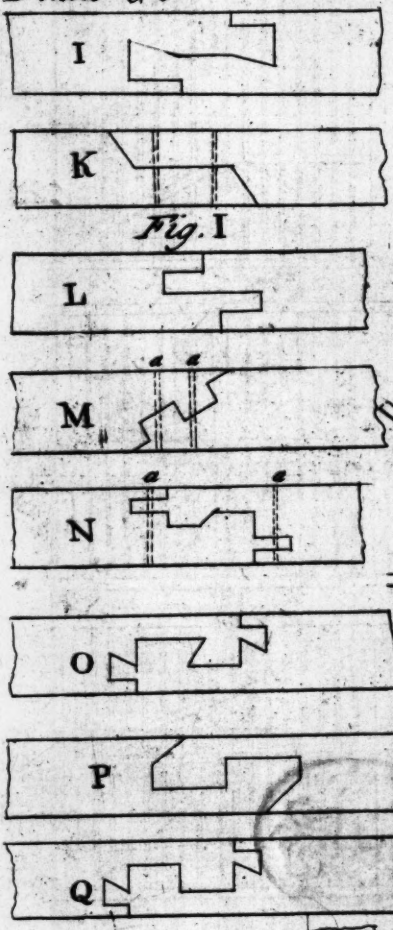
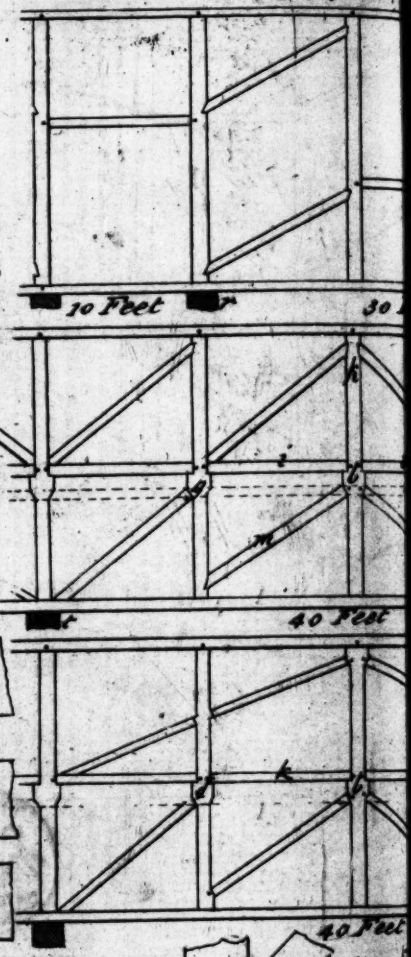
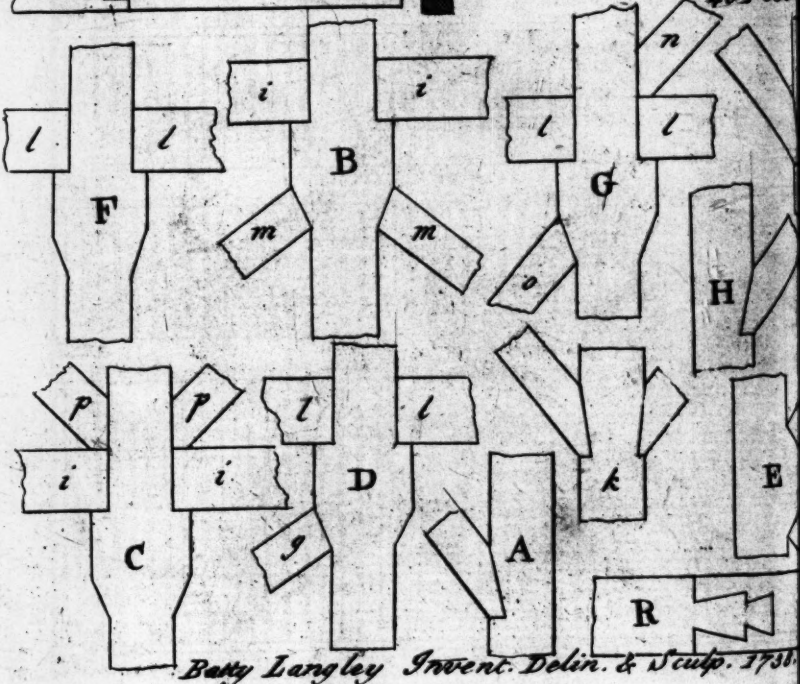


Fig. I

The Manner of fram





Batty Langley Invent. Delin. & Sculp. 1738.

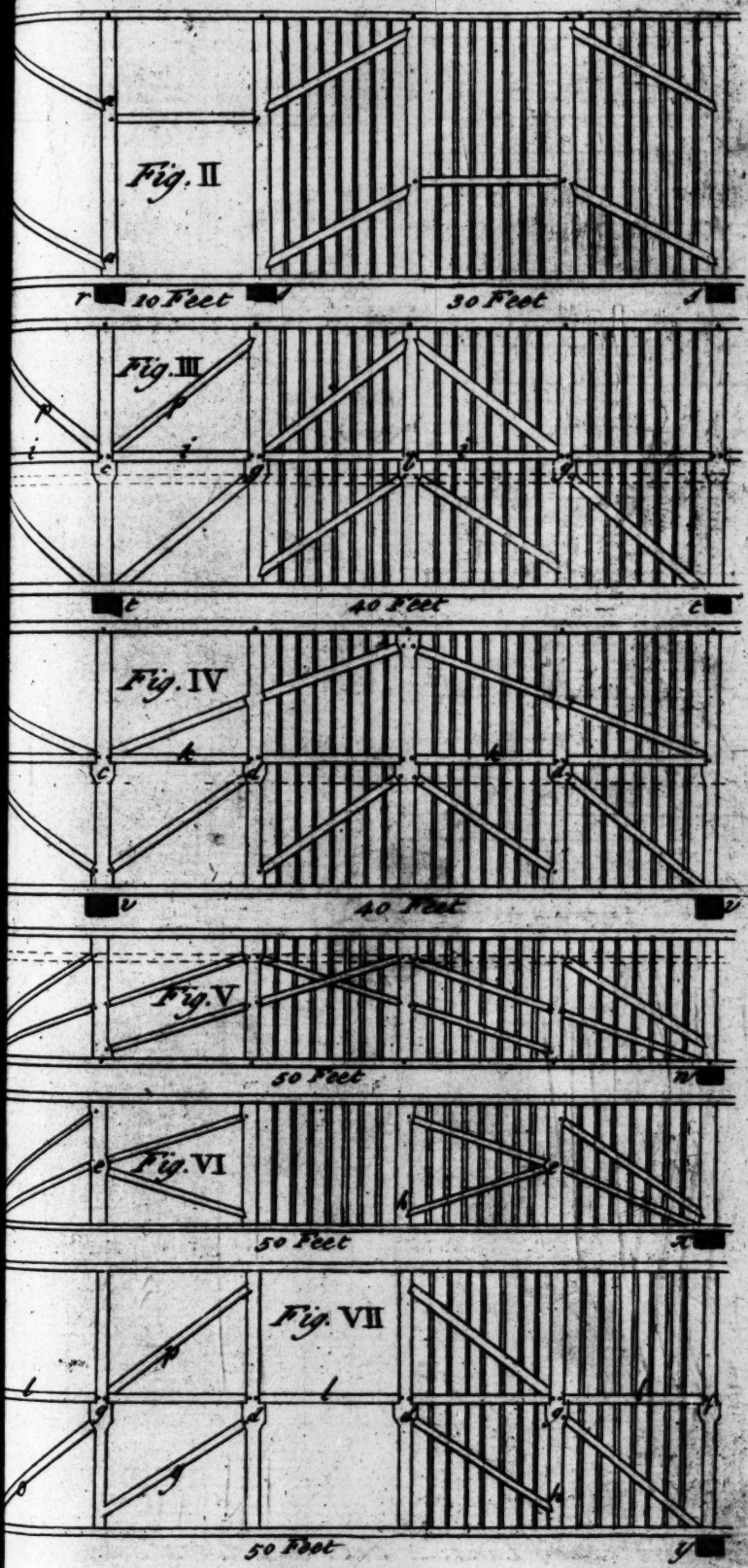

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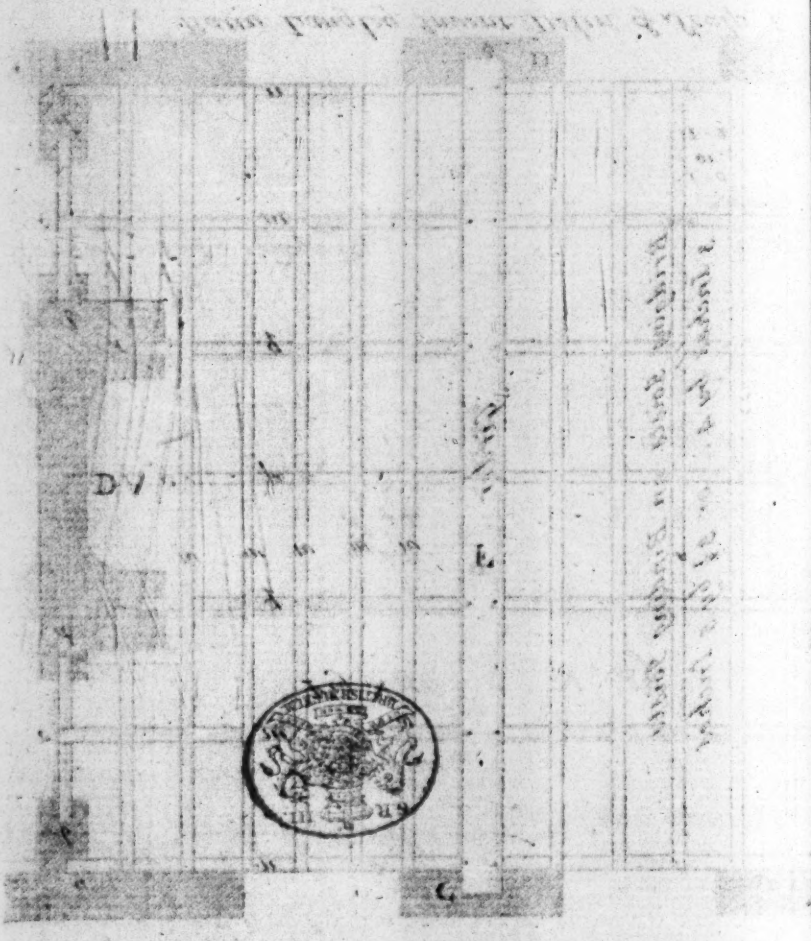
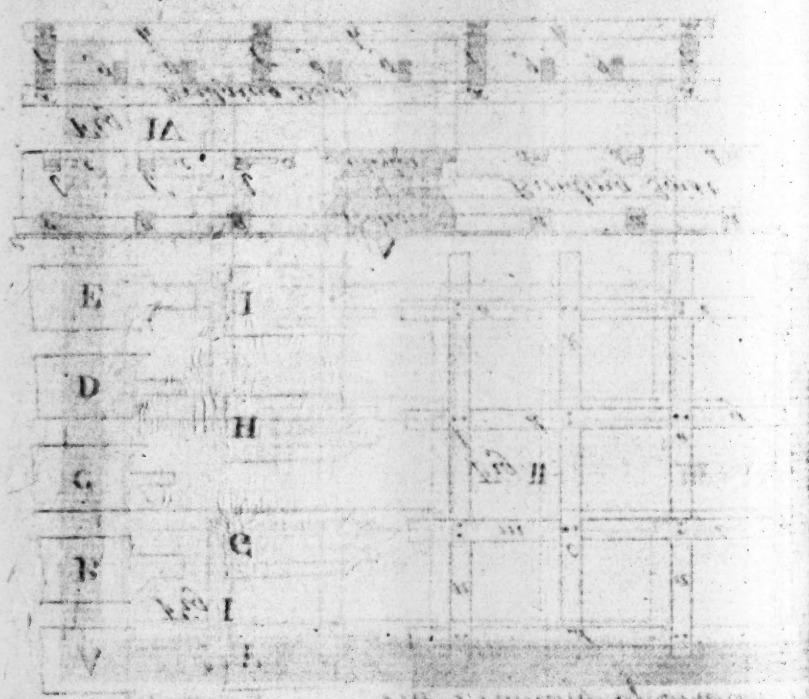
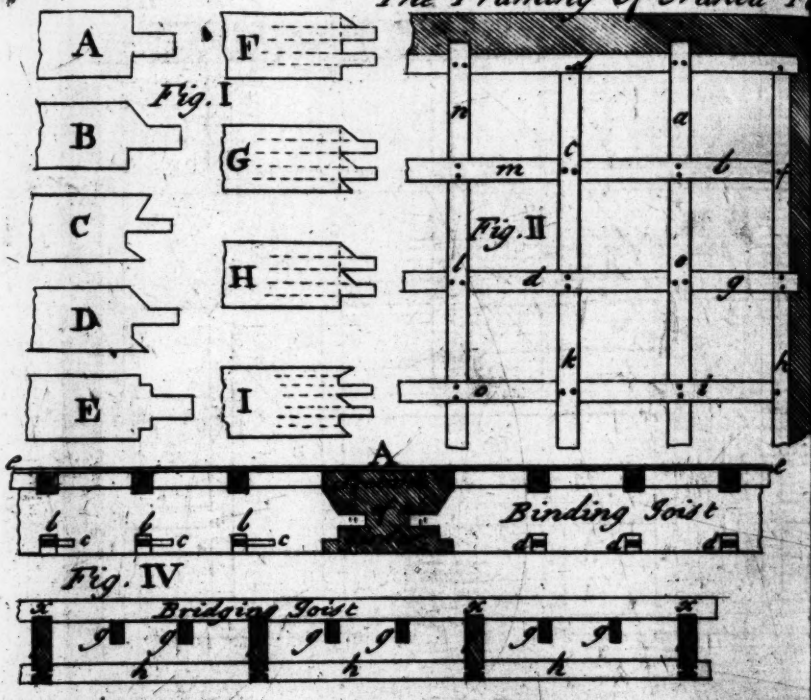
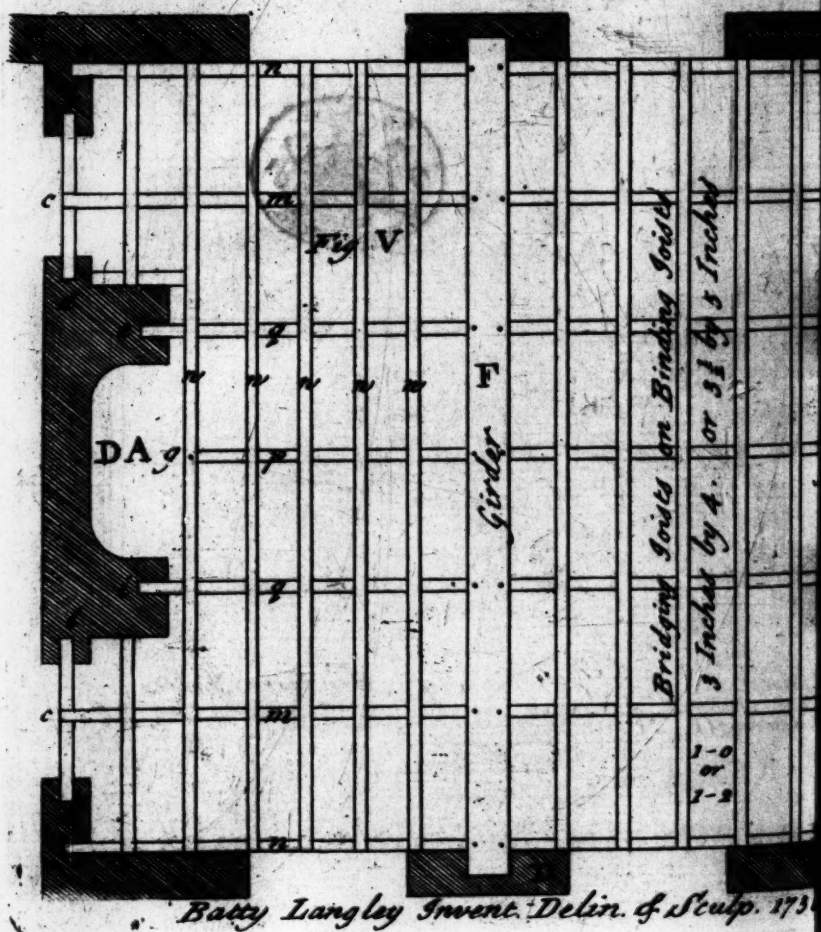
Fig. VII
50 Feet


D
E
G


E
I
D
H
G
B
C
A

The Framing of Naked F... Demo...





Batty Langley Invent. Delin. & Sculp. 173...

Fig...

Trimming Joist

...kness

... Inches

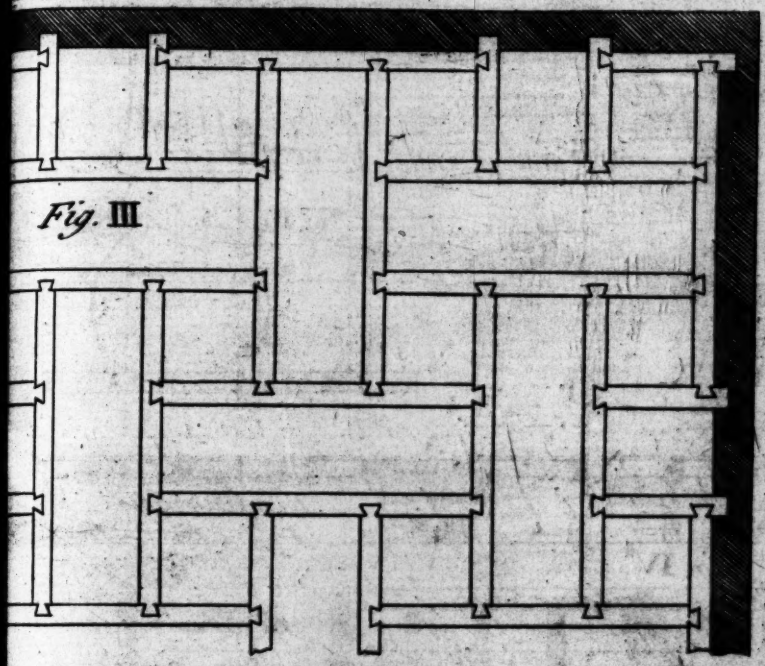


Fig. III

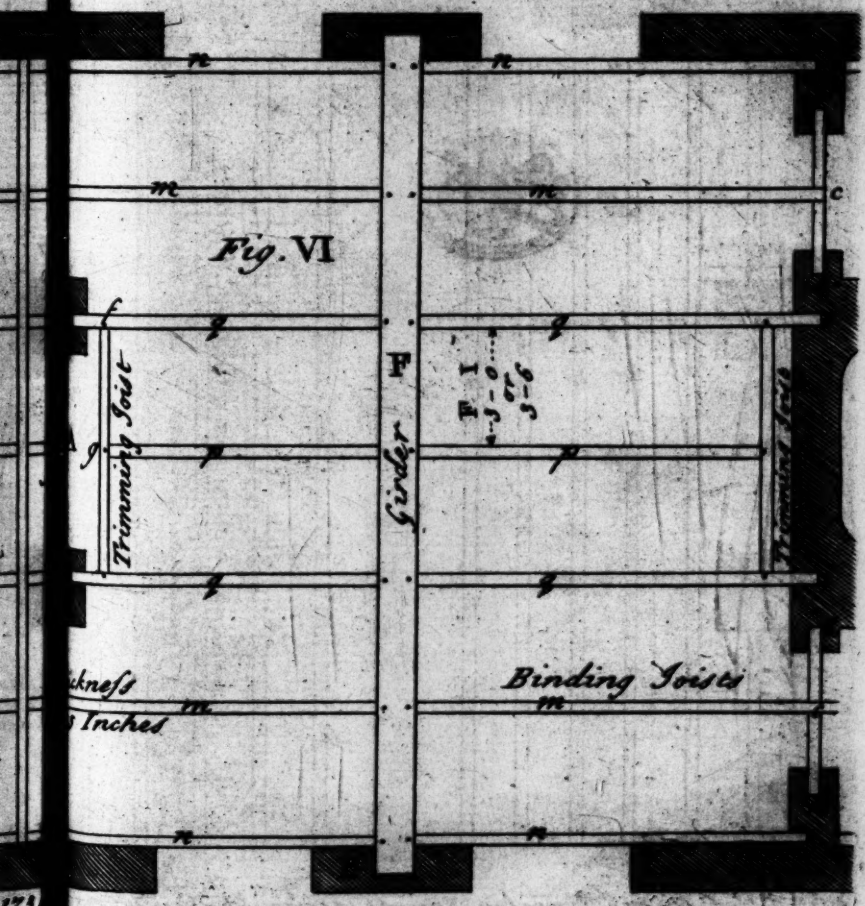
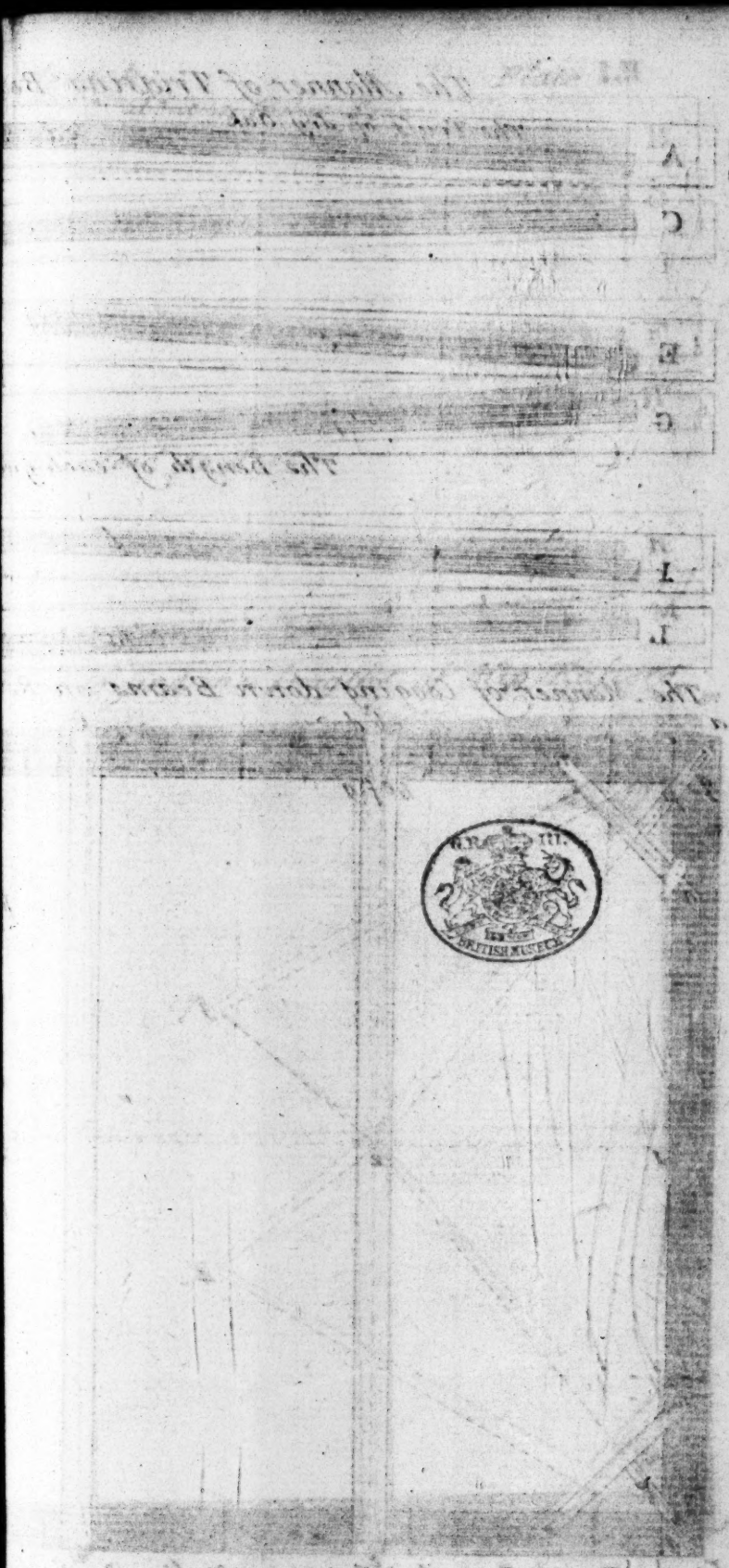


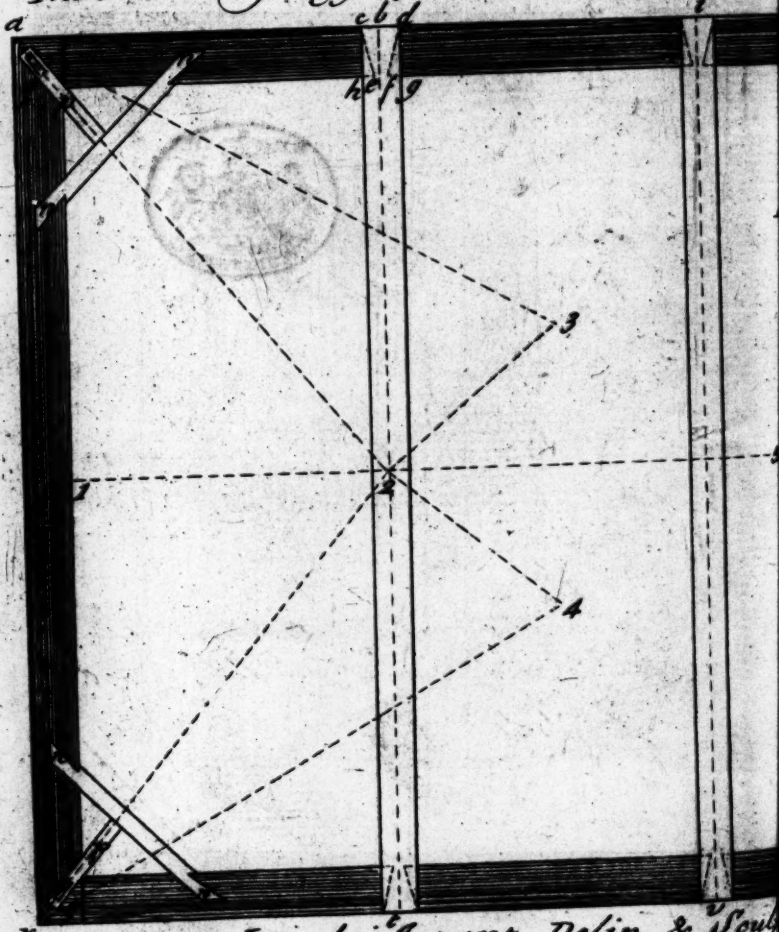
Fig. VI


A
C
E
G
I
L

The Manner of Truſsing Be[ams] [Gird]ers

The Length of each Gi[rt] to ea[ch]

The Manner of Cogging down Beams on R[afters] and [Purlins]



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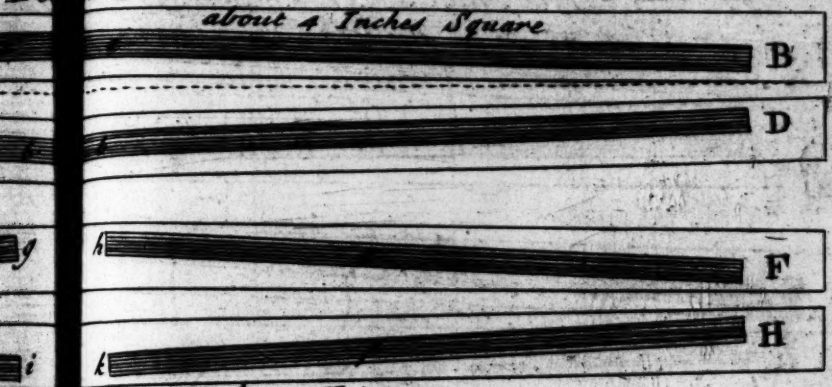
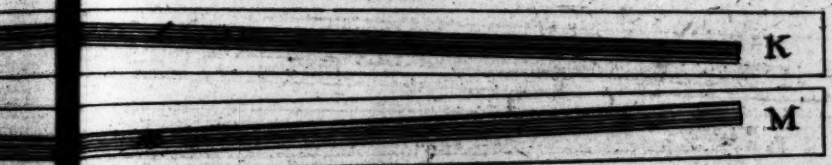
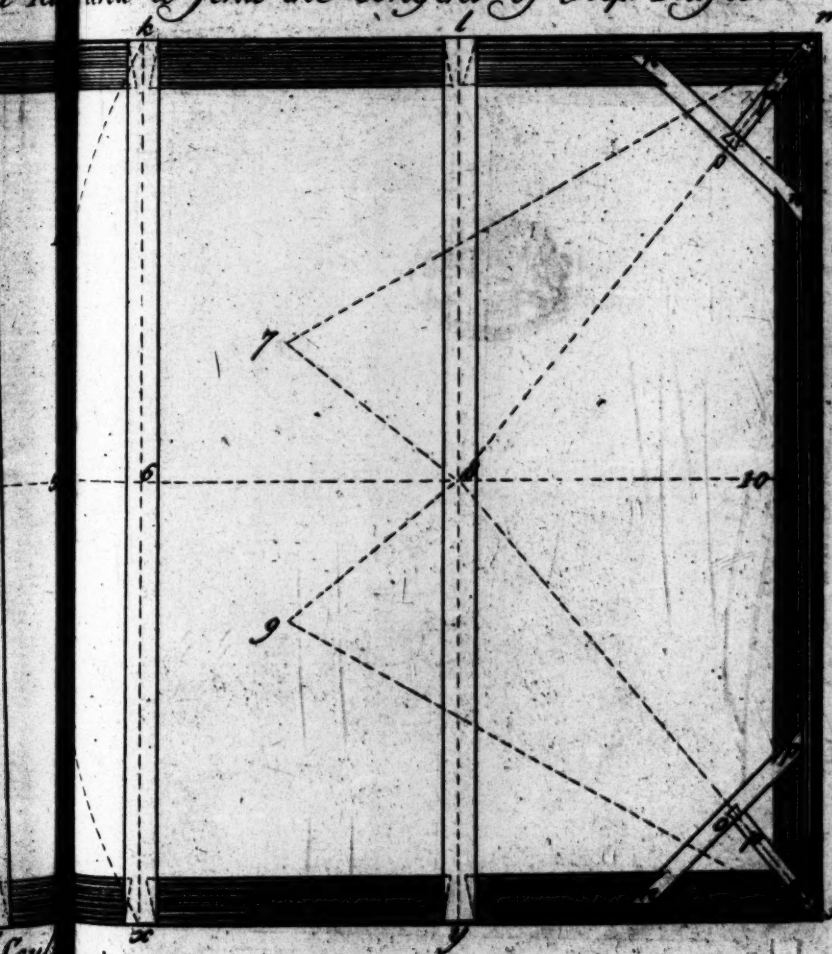
Be[illegible]irders &c. Plate LII.





and to find the lengths of Hip Rafters



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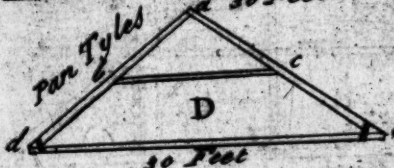
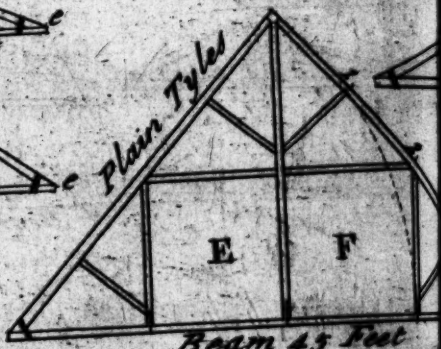
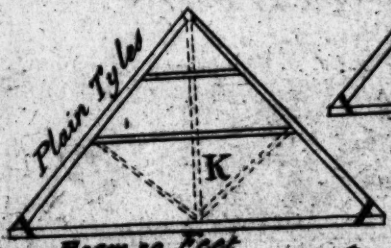
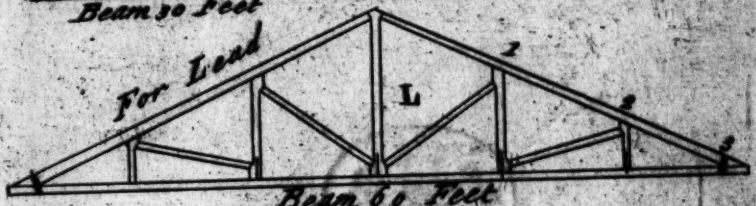
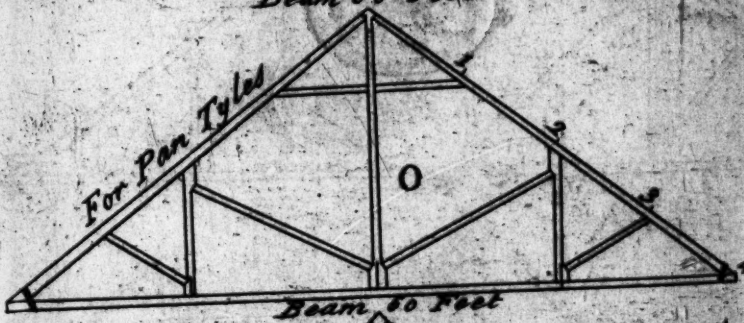
A New Method for trussing Beams Girders &c. Batty

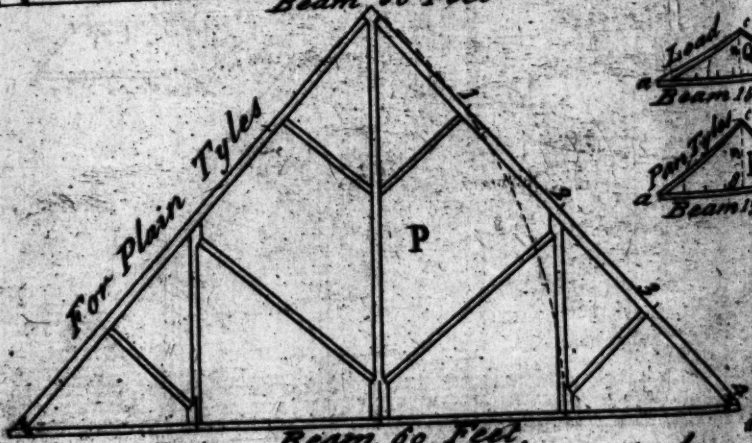












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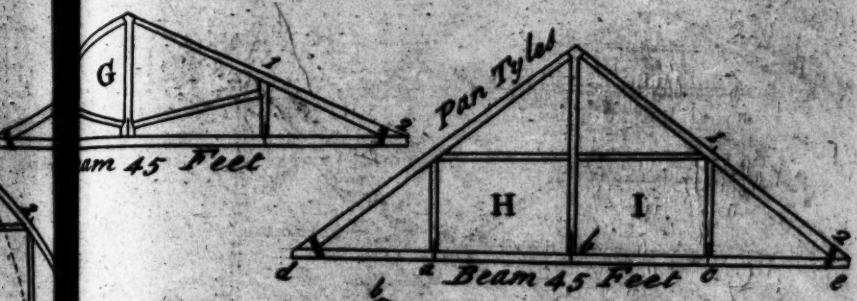
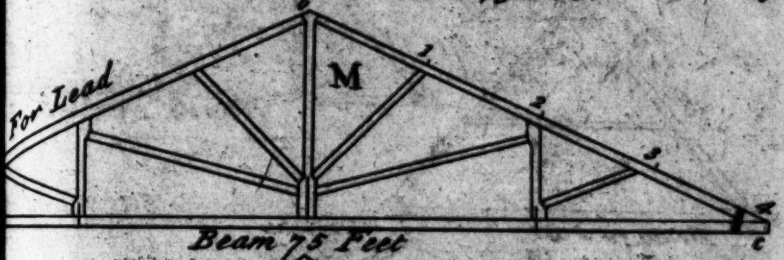
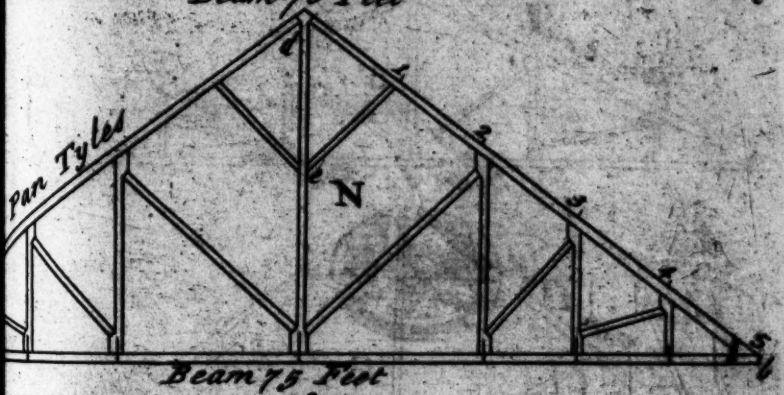
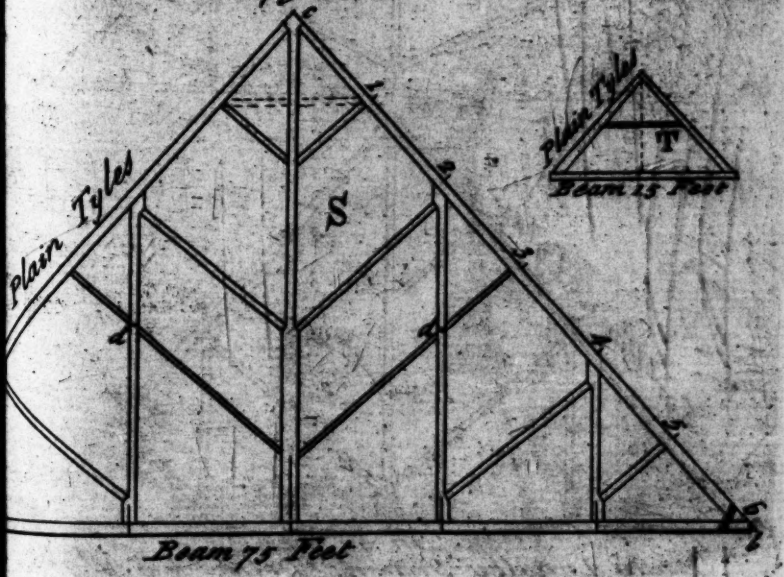
B


G
Pan Tyled
H
I
Beam 45 Feet


For Lead
M
Beam 75 Feet


Pan Tyled
N
Beam 75 Feet


Plain Tyled
S
Plain Tyled
T
Beam 15 Feet
Beam 75 Feet

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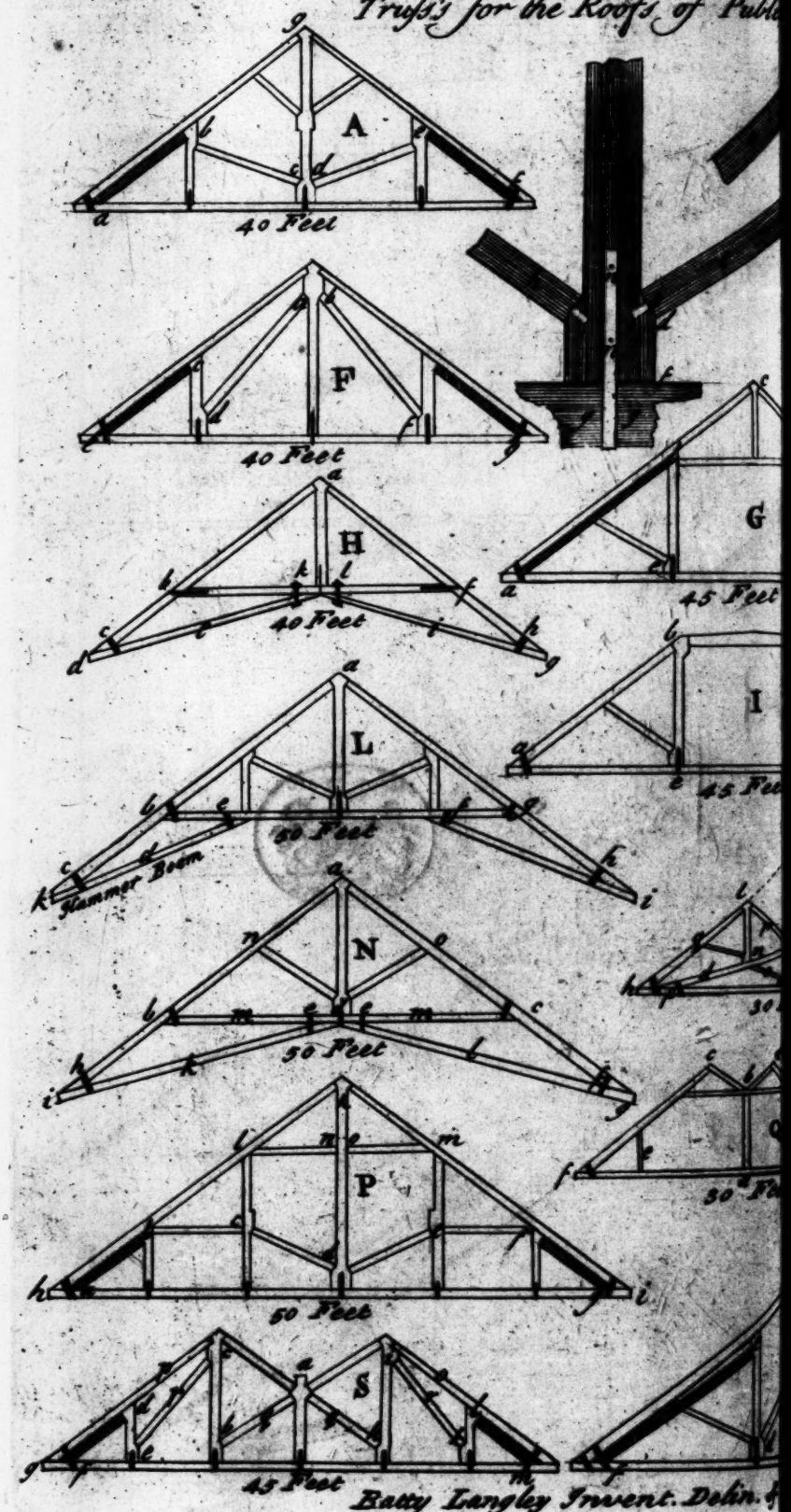
Truſſes for the Roofs of Publ Priva



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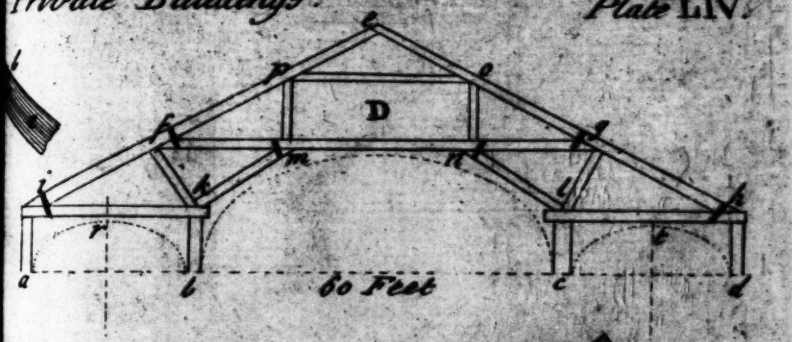
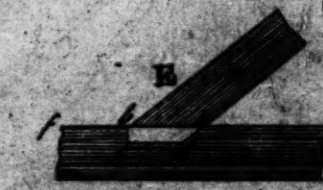
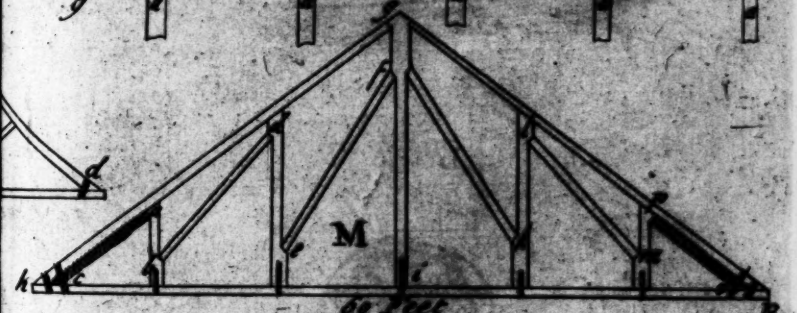
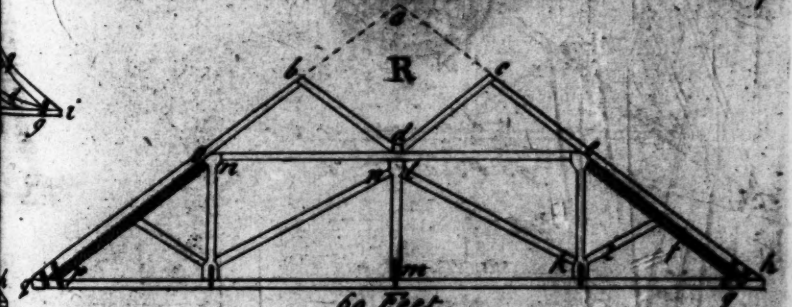
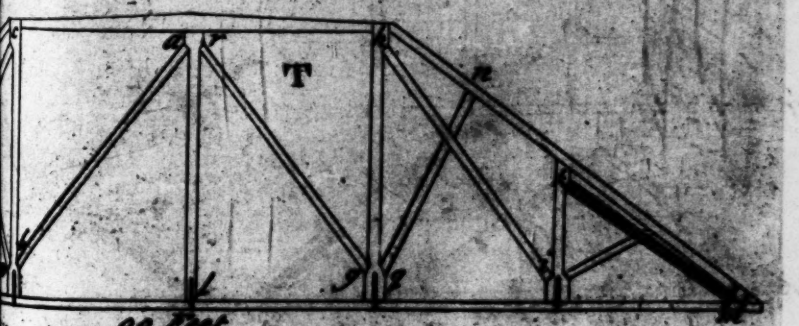

D
60 Feet


E

K


M
60 Feet


R
60 Feet


T
90 Feet

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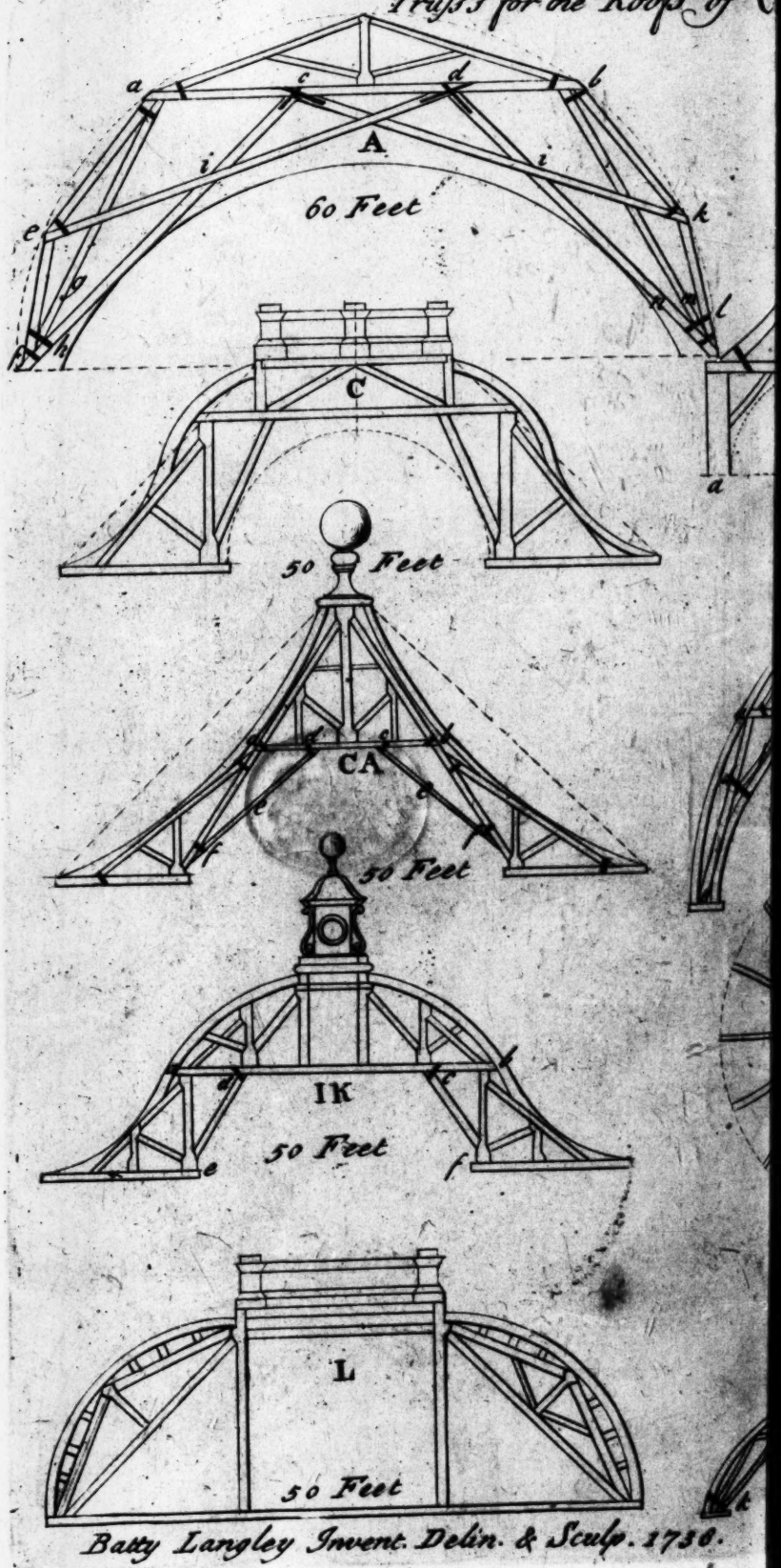
Truss's for the Roofs of C[illegible]es. T



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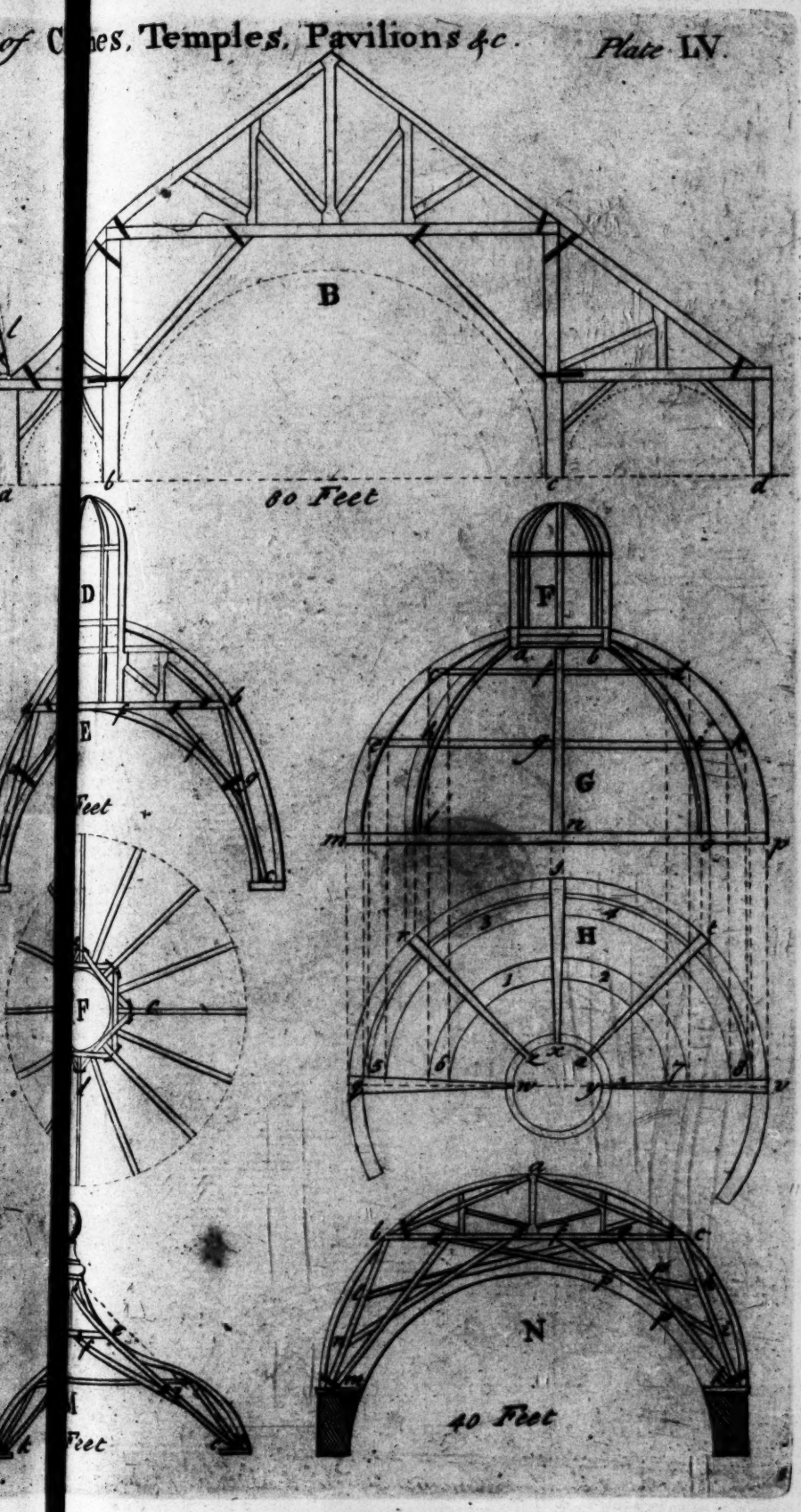
B
80 Feet
D
E
Feet
F
F
G
H
N
40 Feet
Feet

G.R.
III.
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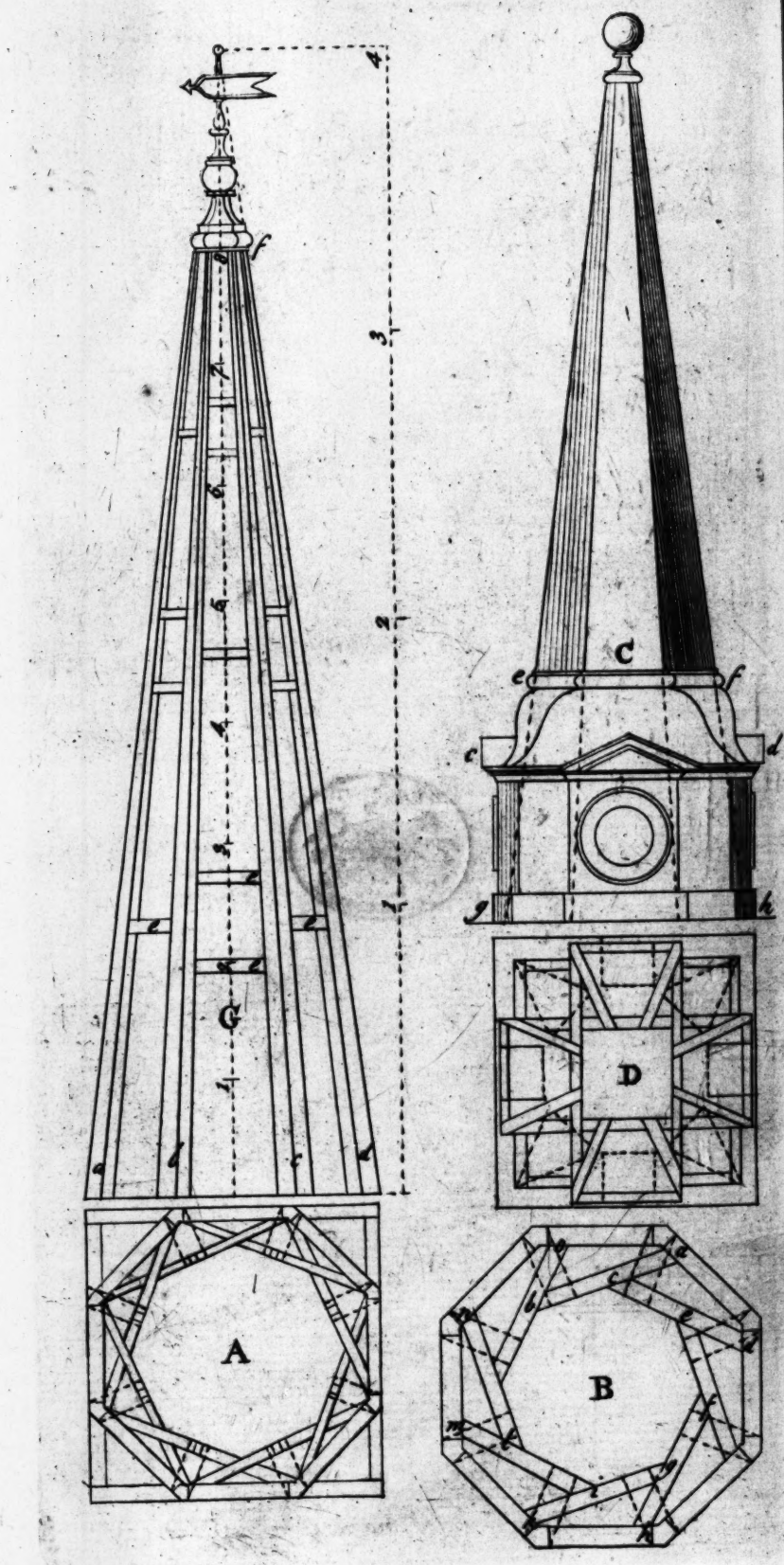
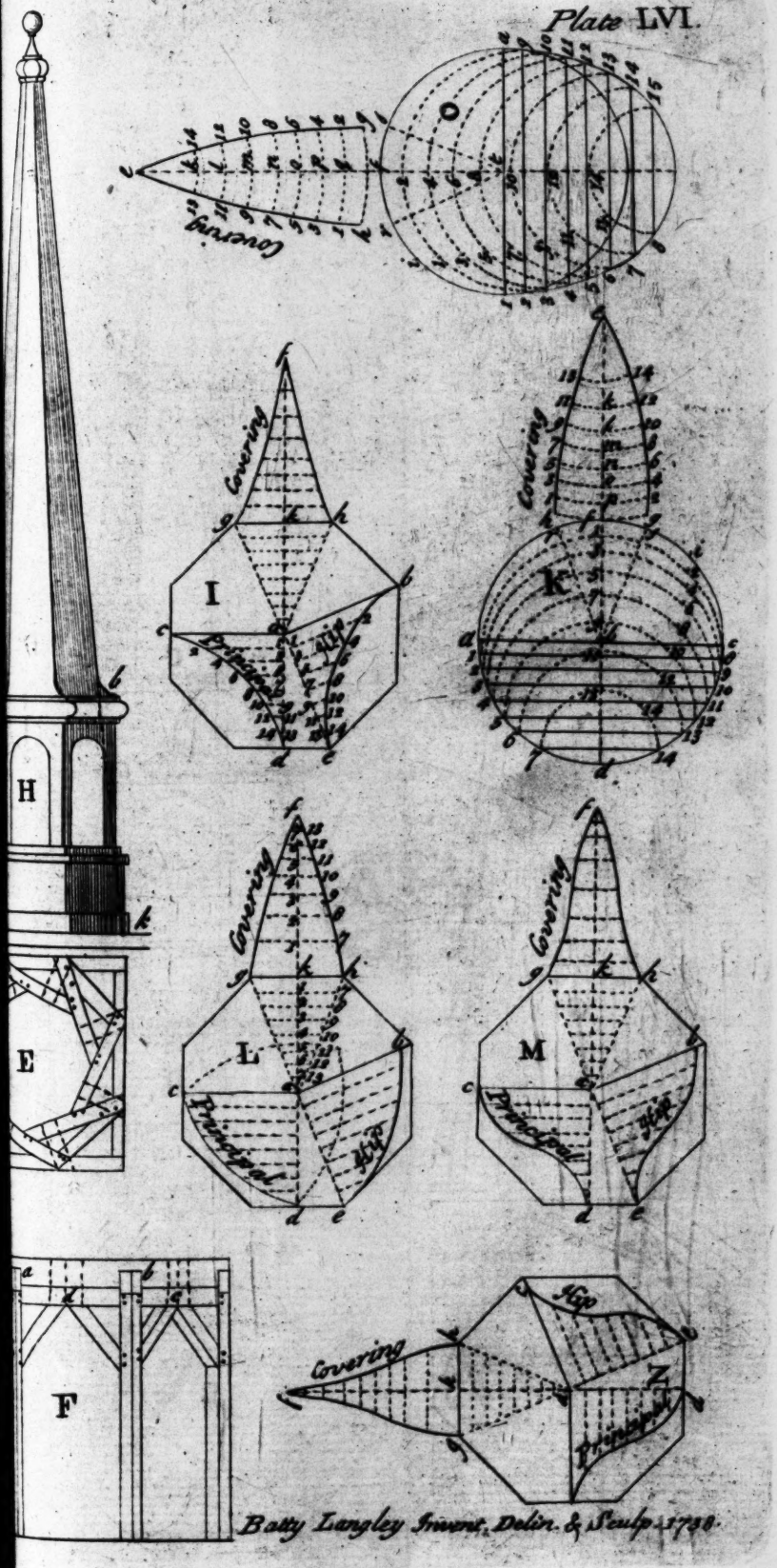

A
B
C
D
E
F
G
H

Plate LVI.


Covering
I
K
L
M
H
E
F
Principal
Hip
Ridge
Batty Langley Invent. Delin. & Sculp. 1738.

G.R.
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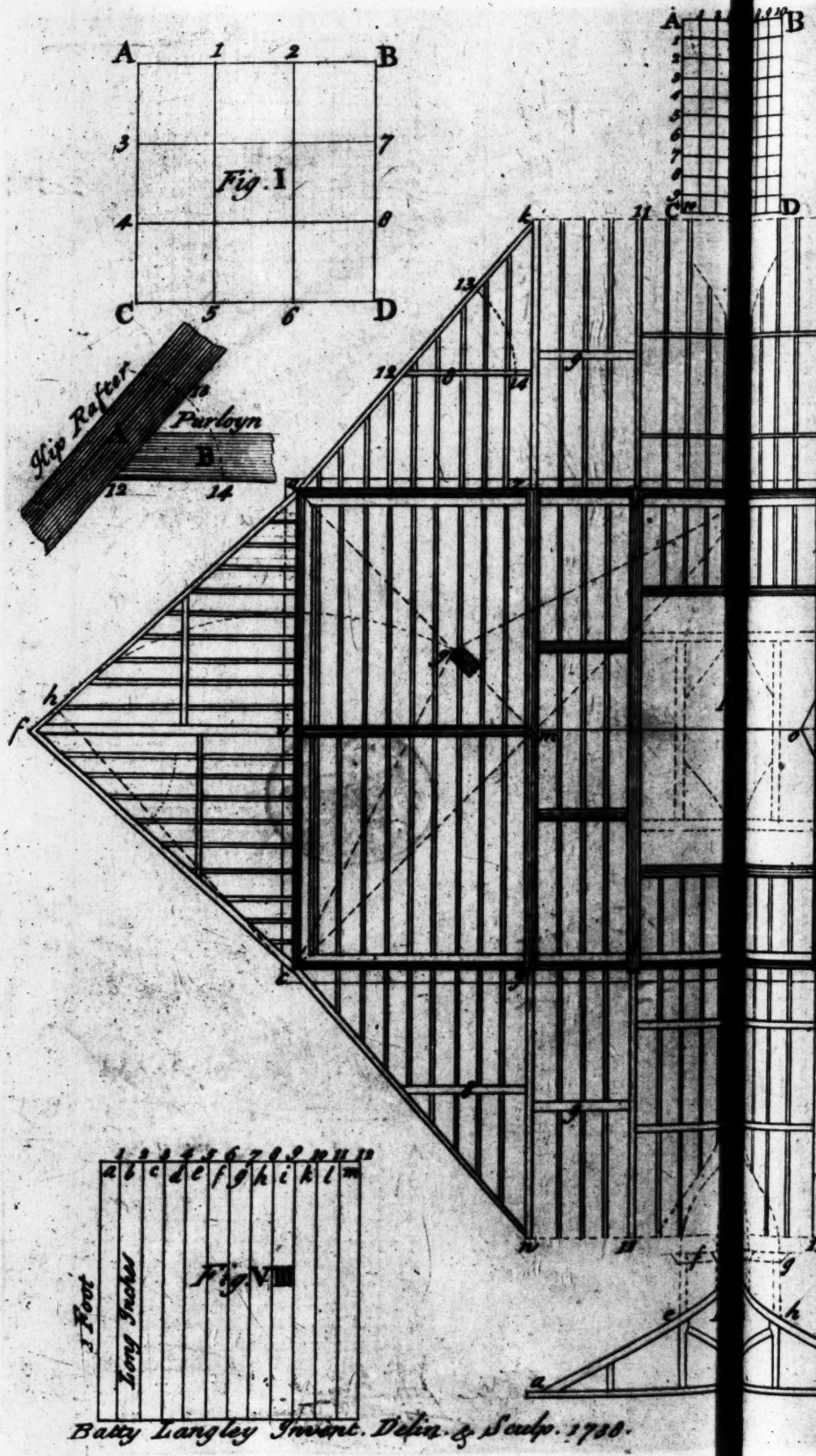
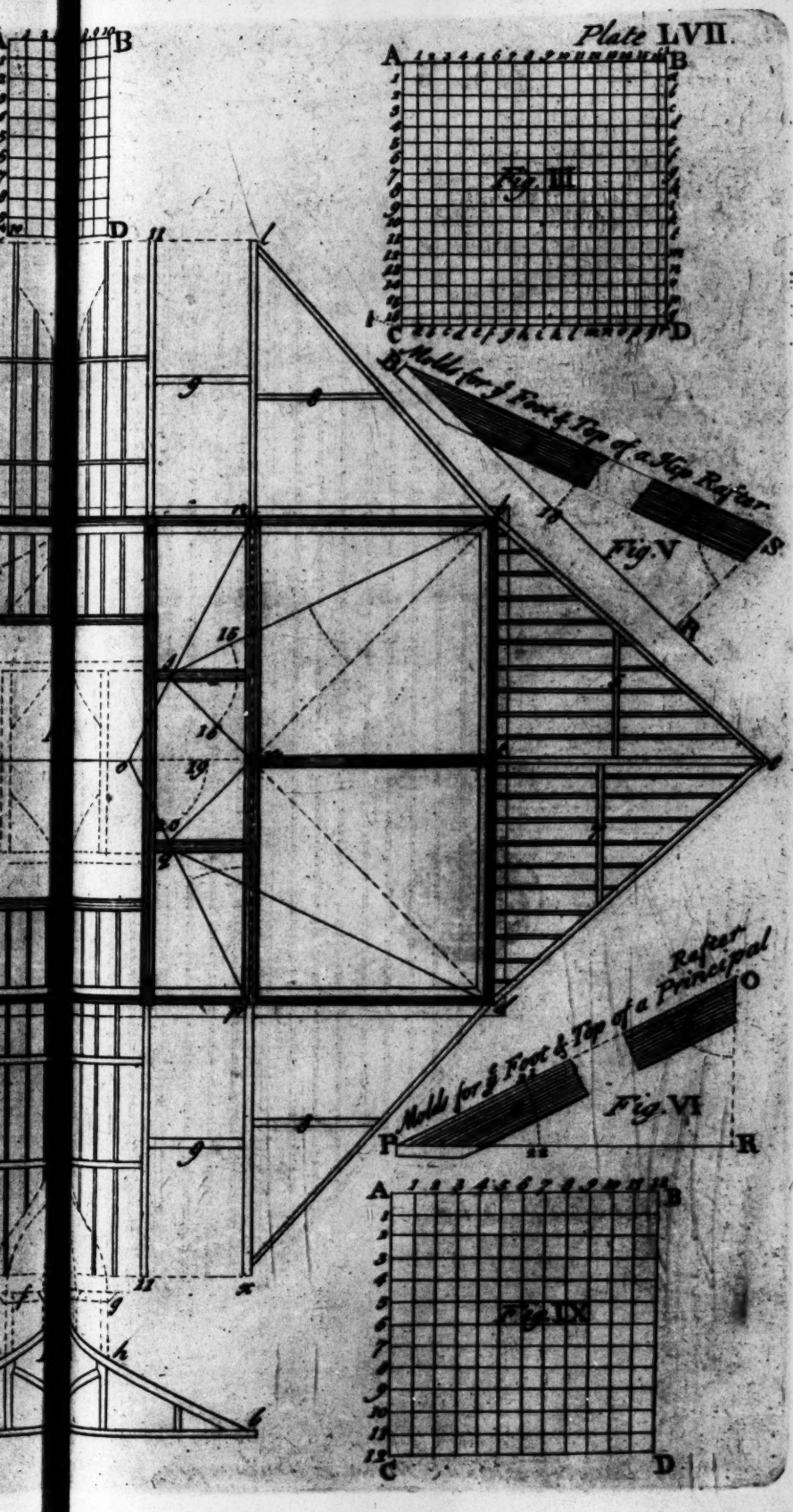
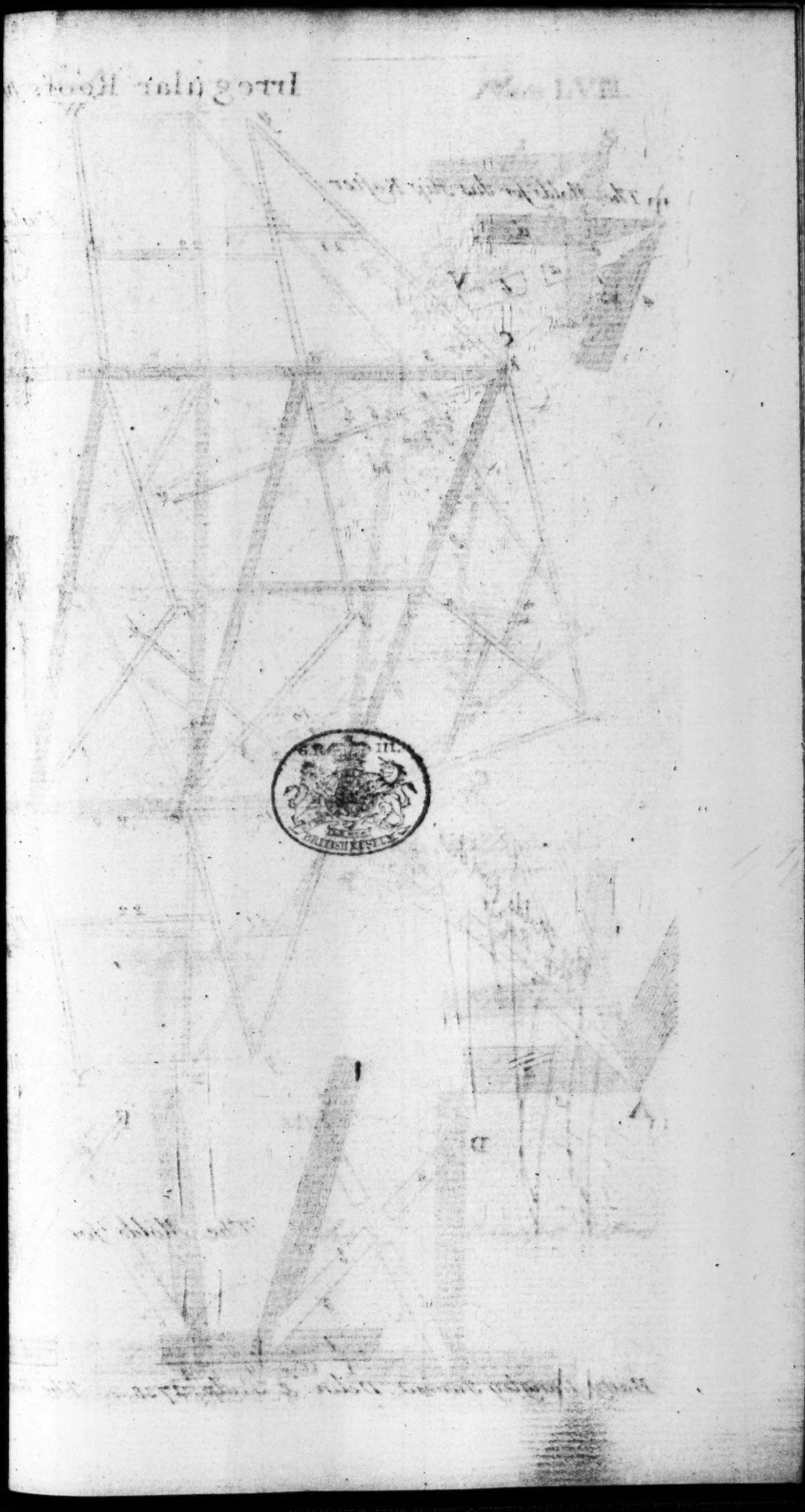
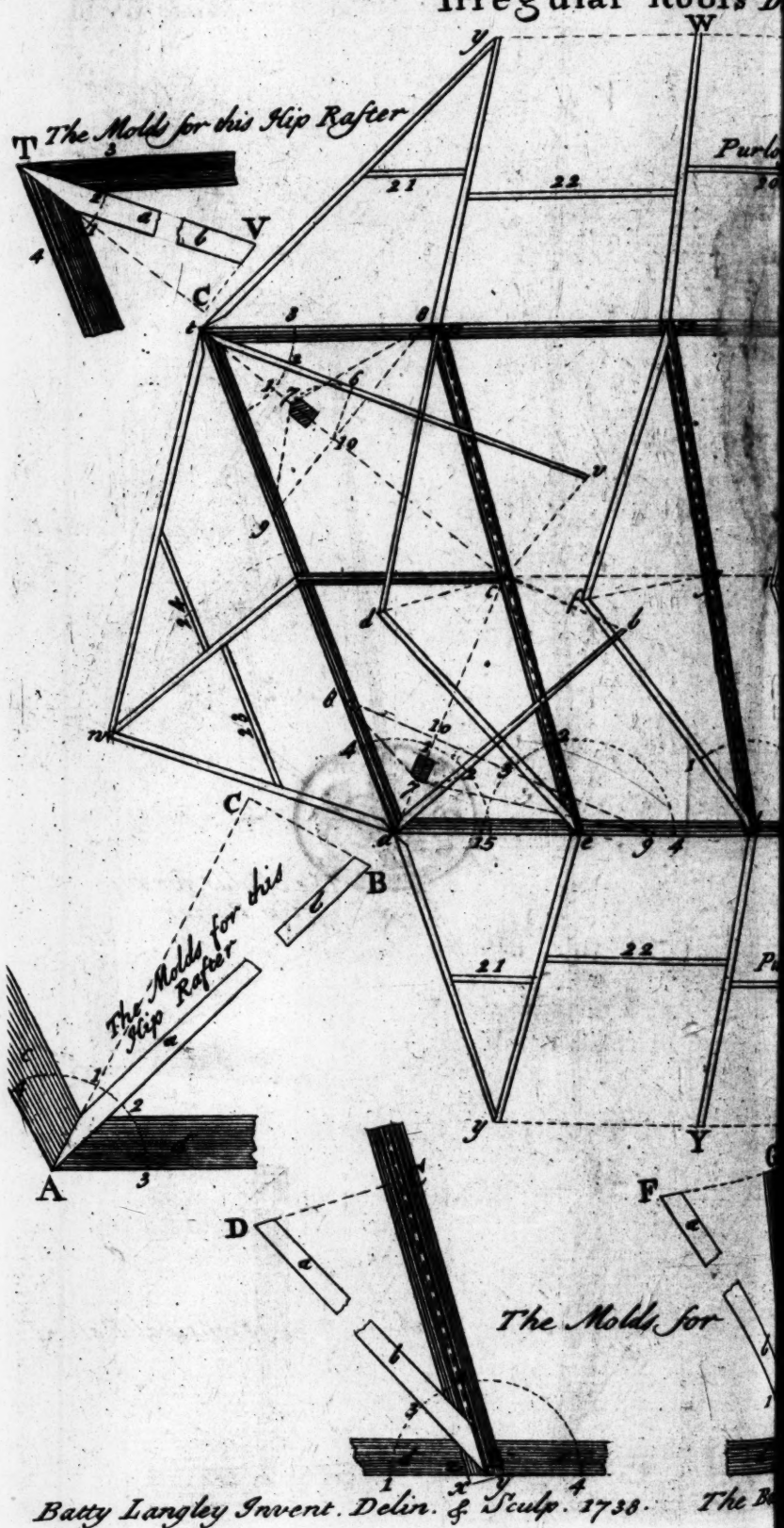

A
1
2
B
3
7
Fig. I
4
8
C
5
6
D
Hip Rafter
Purlayn
B
12
14
1 Foot
Long Inches
Fig. VIII
Batty Langley Invent. Delin. & Sculp. 1730.

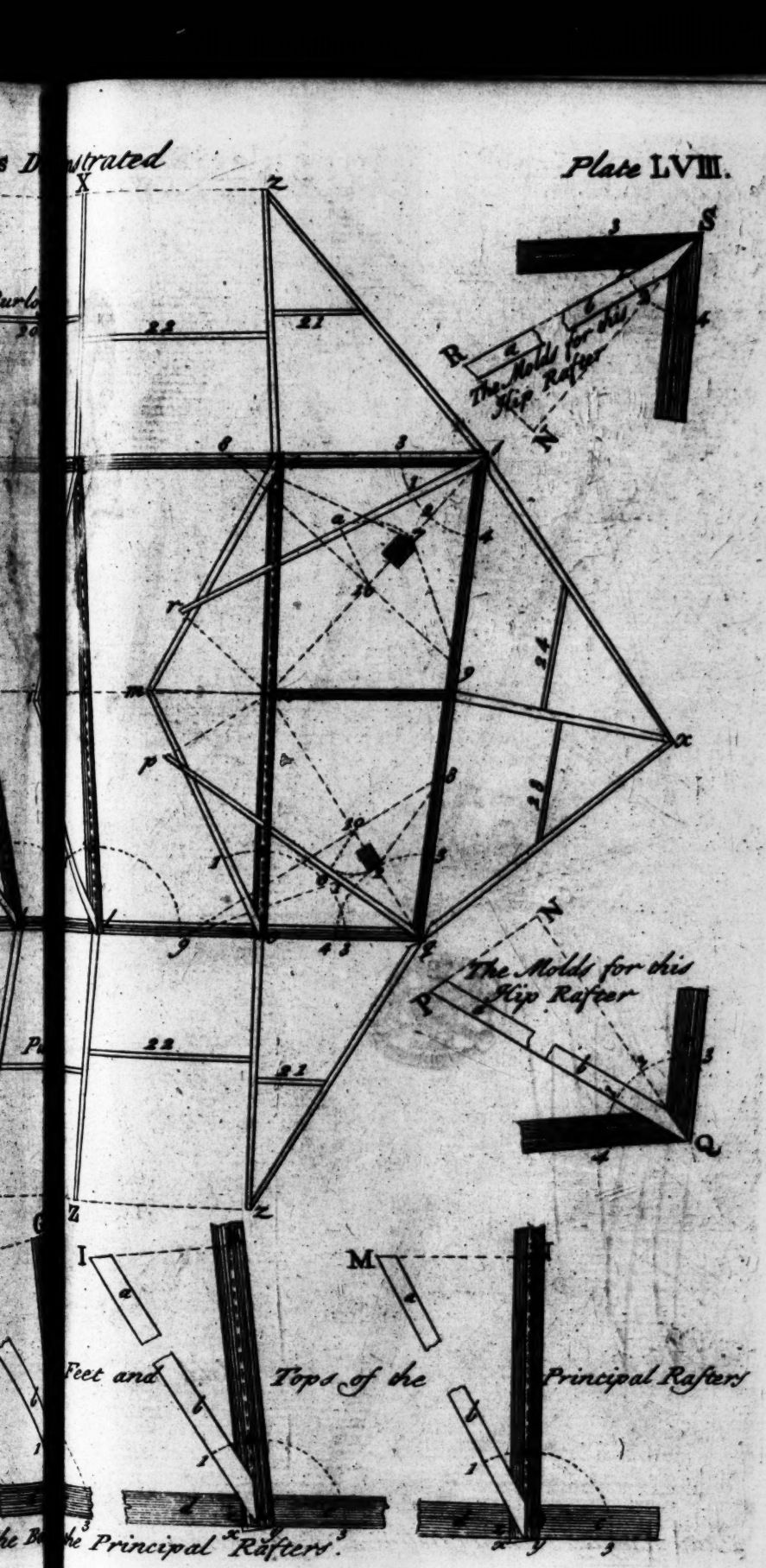
Plate LVII.

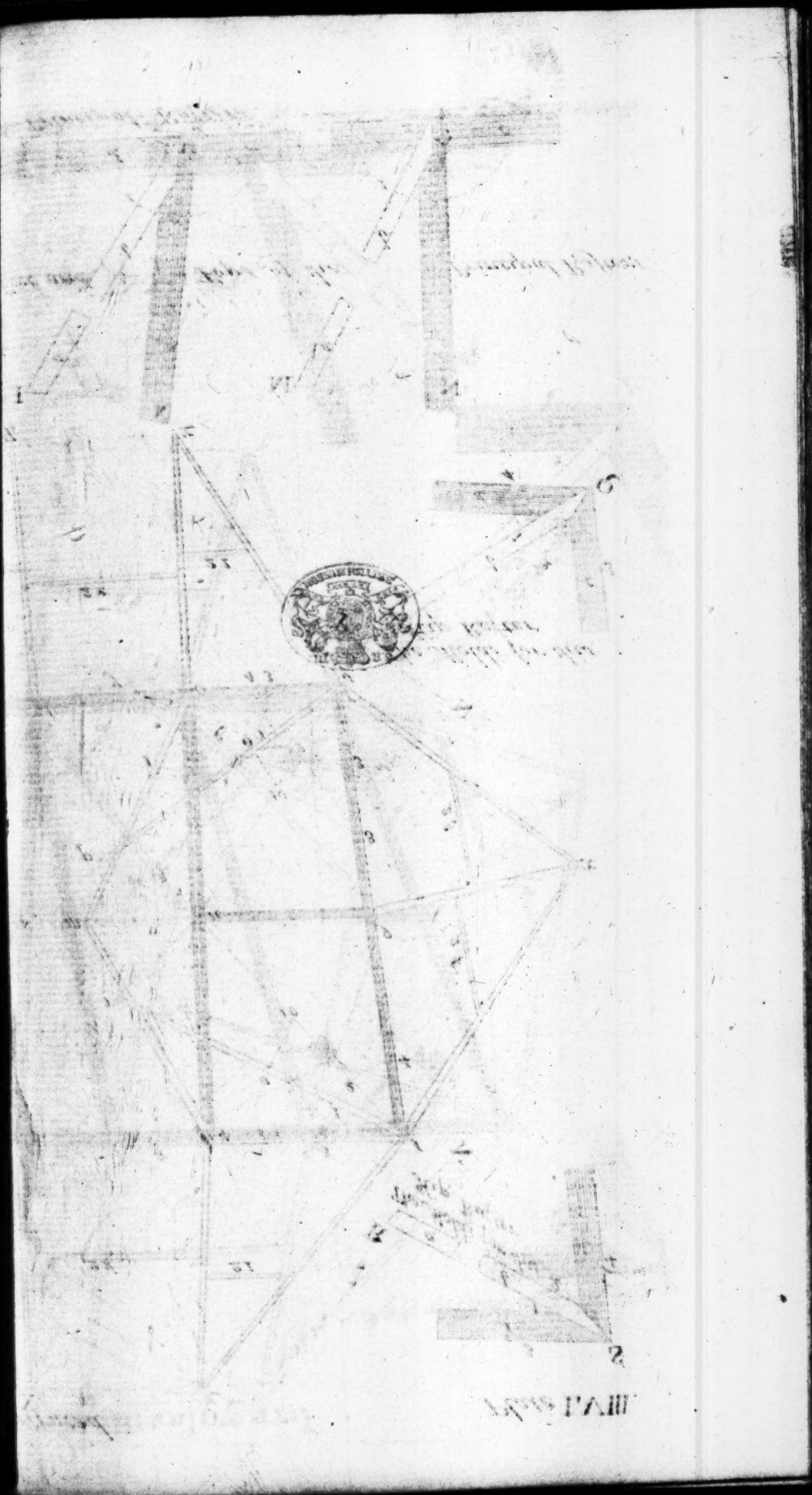

A
B
C
D
Fig. III
Molds for the Foot & Top of a Slop Rafter
Fig. V
Rafter Principal
Molds for the Foot & Top of a Principal
Fig. VI
Fig. IX



Irregular Roofs D...strate...




X
Z
S
R
The Molds for this Hip Rafter
N
x
The Molds for this Hip Rafter
Q
I
M
Feet and
Tops of the
Principal Rafters
Principal Rafters.



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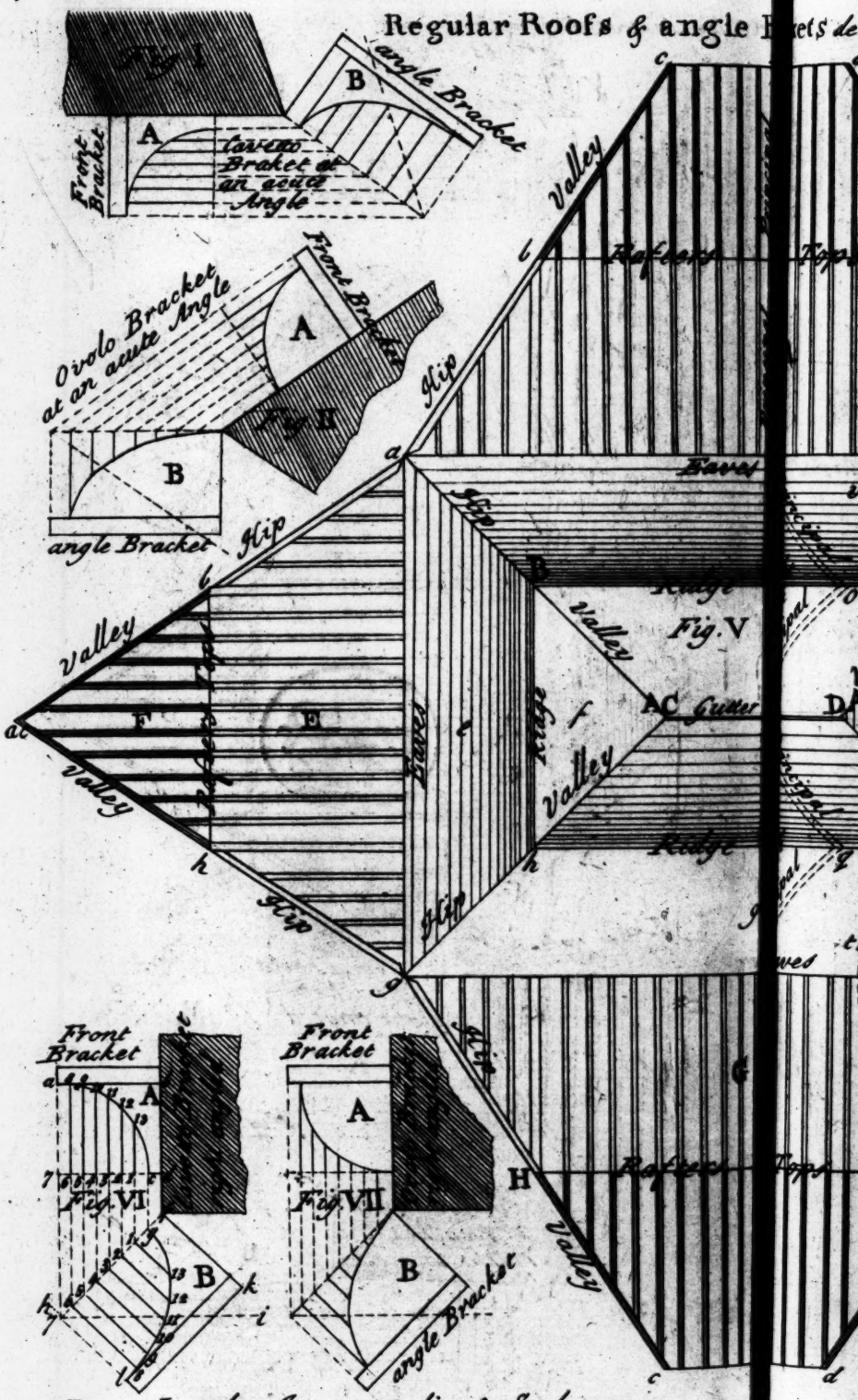
Regular Roofs & angle Rafters de



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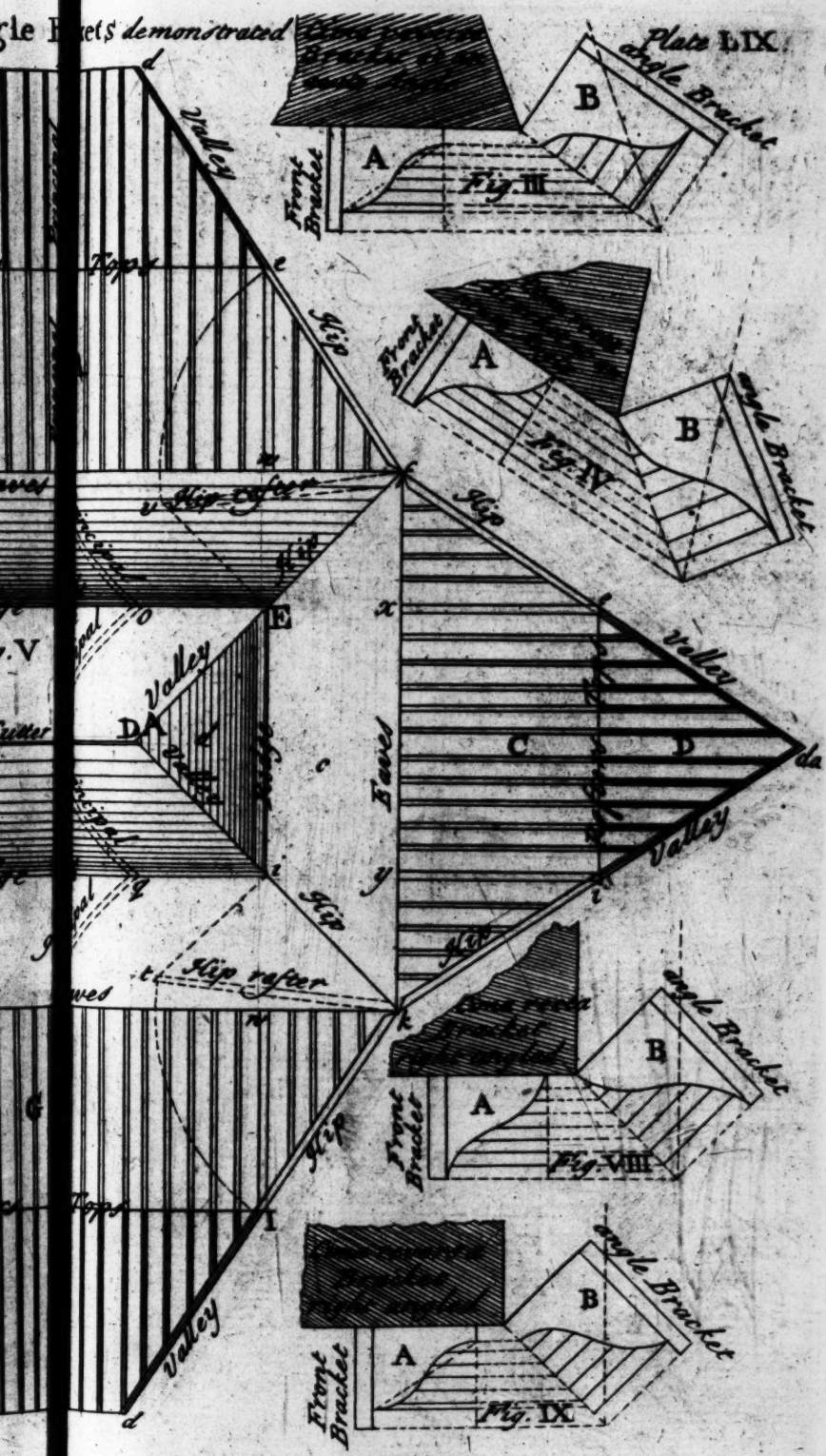
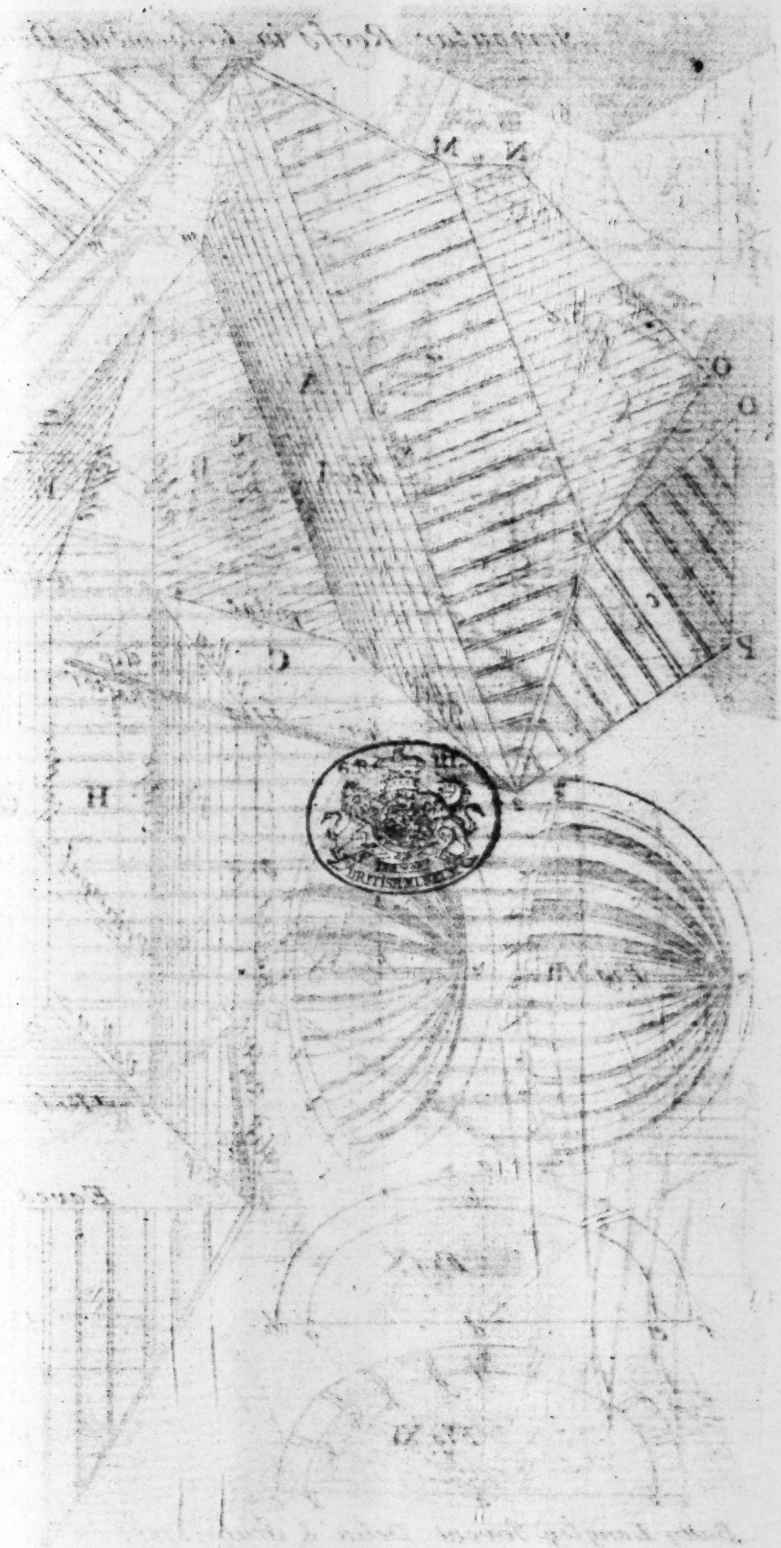
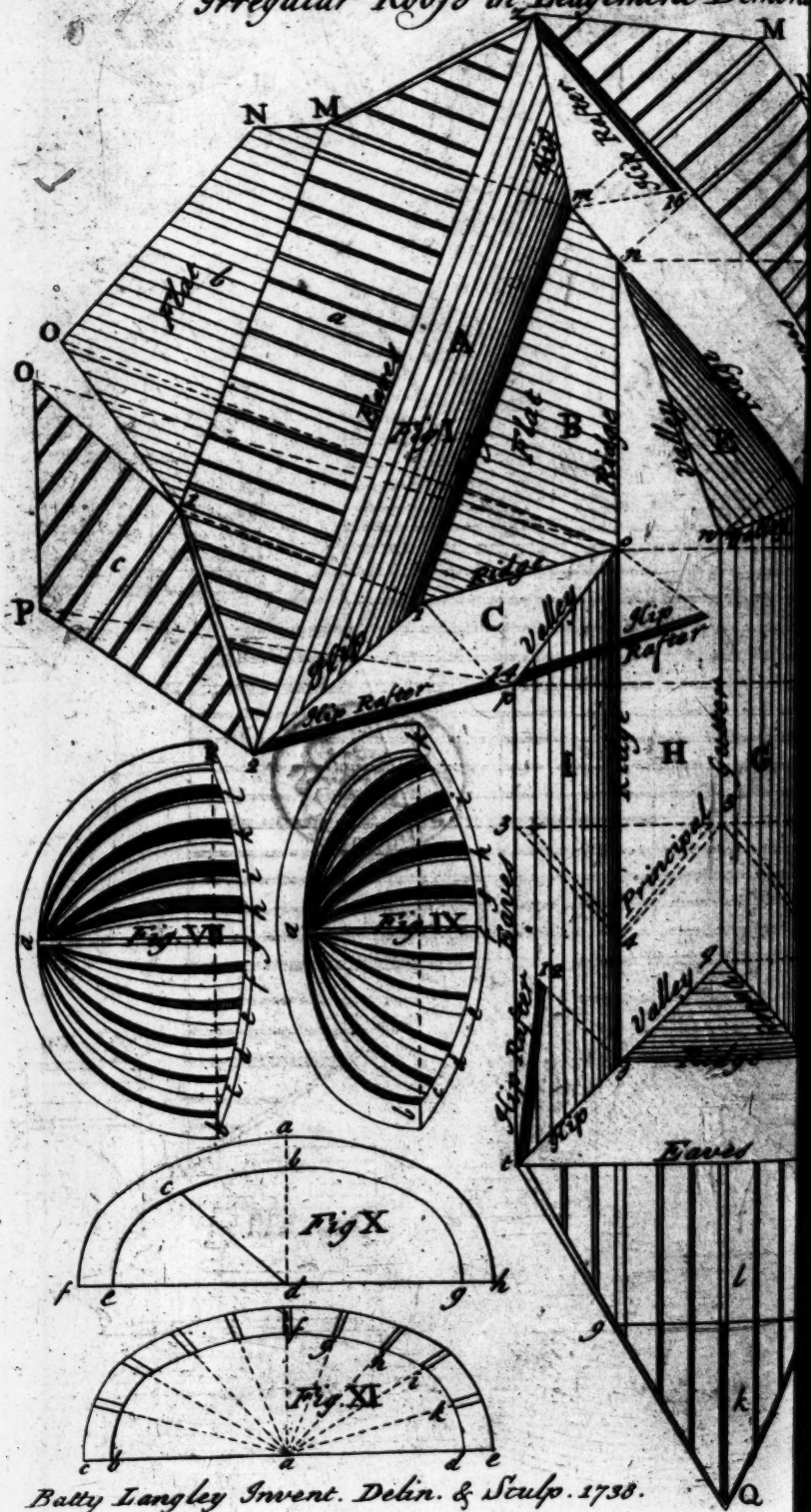
gle Rafters demonstrated

Plate LIX.





Irregular Roofs in Ledgement Demonstrated



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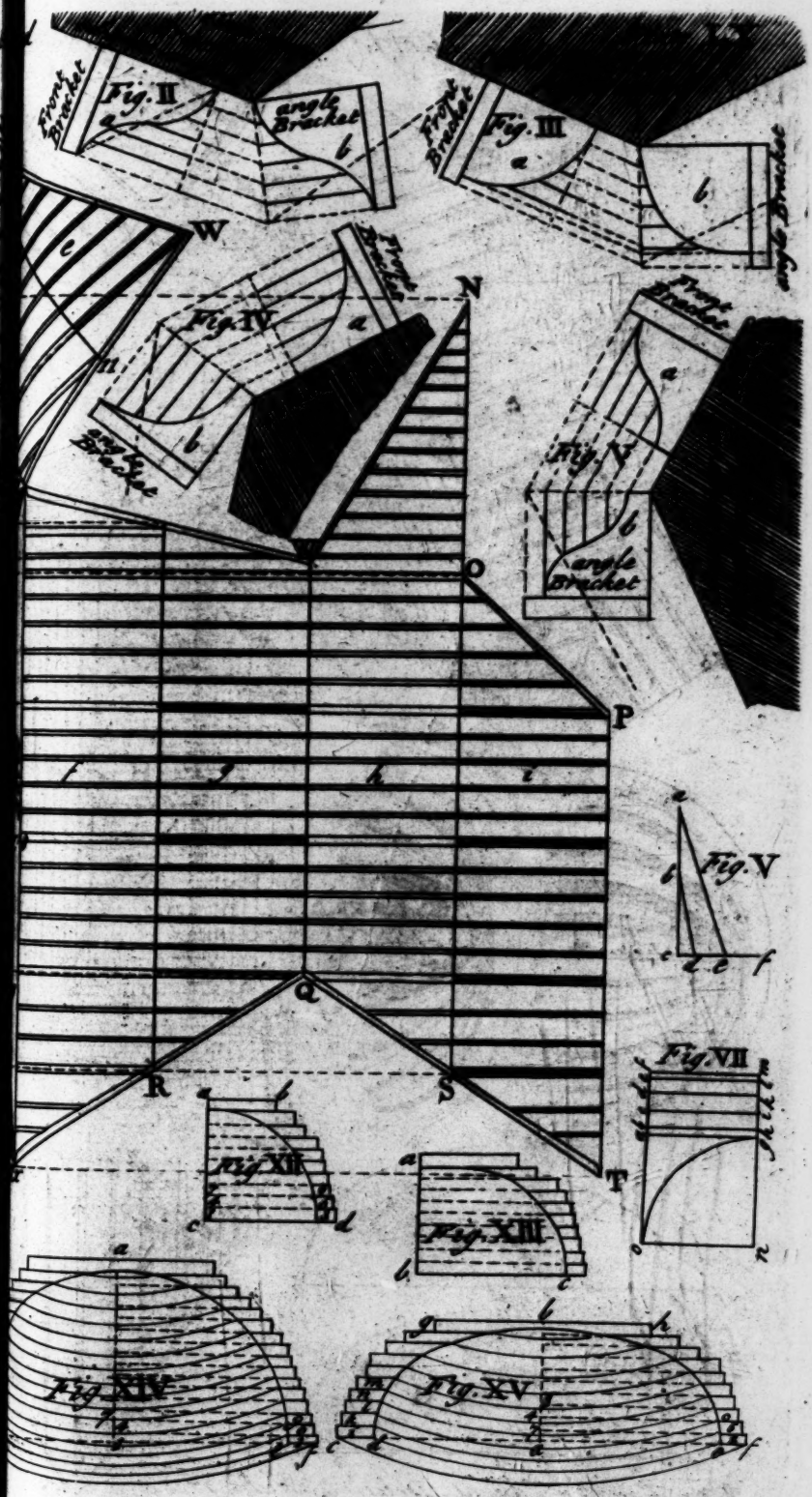
Front Bracket
Fig. II
a
angle Bracket
b
Front Bracket
Fig. III
a
b
angle Bracket
W
c
N
Front Bracket
Fig. IV
a
m
b
angle Bracket
Front Bracket
a
Fig. V
b
angle Bracket
O
P
f
g
h
i
a
b
Fig. V
c
d
e
f
Q
R
S
T
a
b
Fig. XII
c
d
Fig. XIII
a
b
c
Fig. VII
a
b
c
d
Mizen
n
a
Fig. XIV
b
Fig. XV
g
h

G R III
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Designs for Timber Bridges, of 30, [illegible] and 60

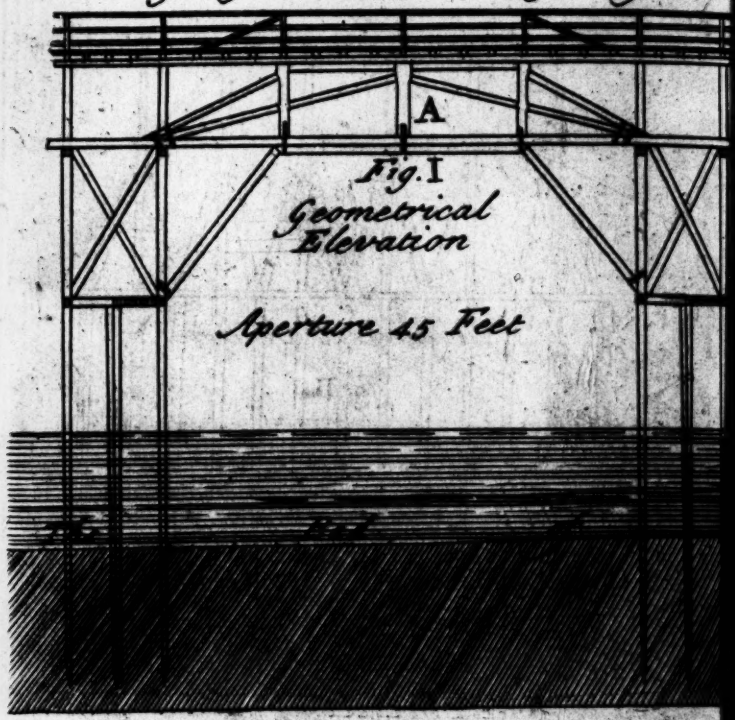

Fig. I
Geometrical Elevation

Aperture 45 Feet

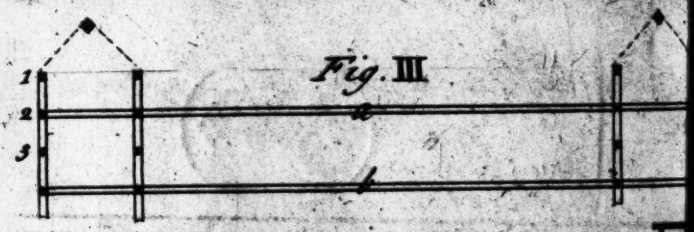

Fig. III

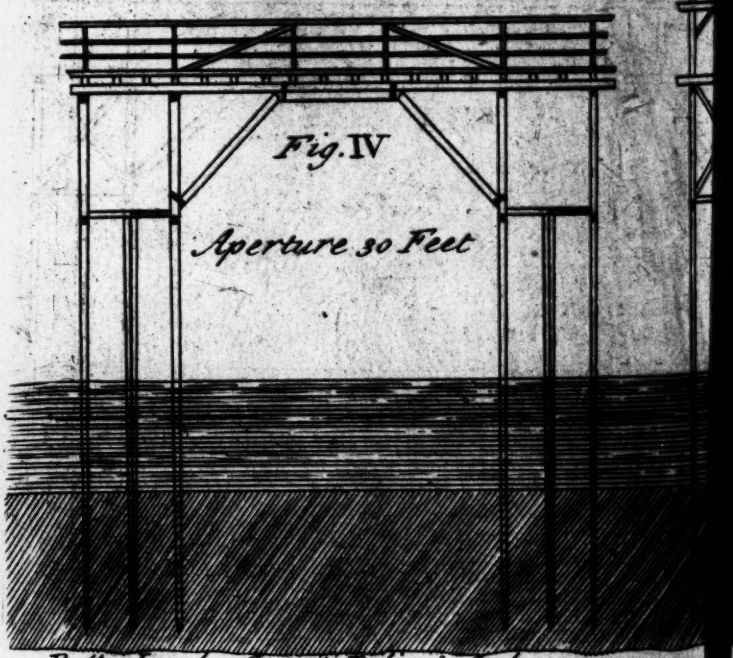

Fig. IV

Aperture 30 Feet

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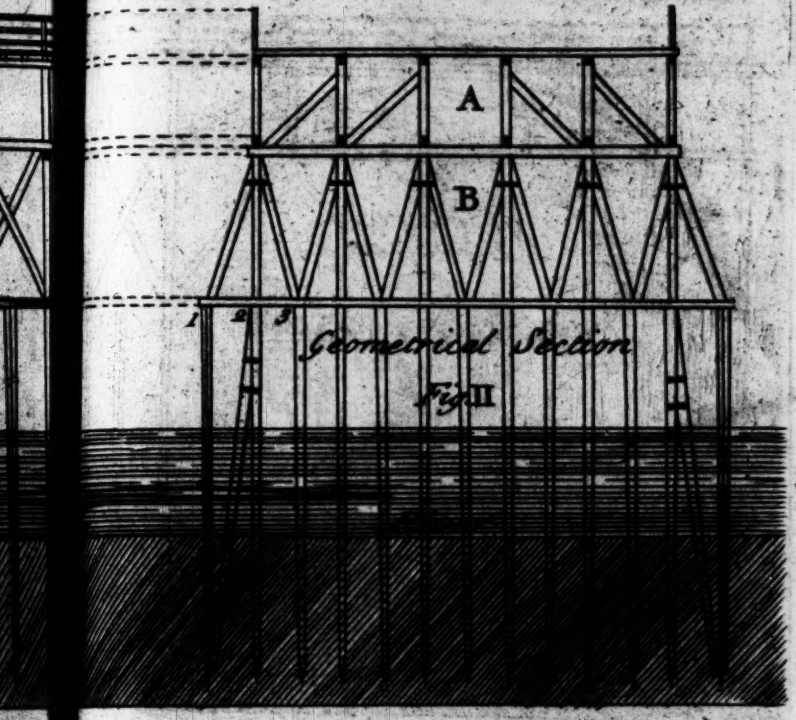

Geometrical Section
Fig. II

Fig. V

Aperture 60 Feet

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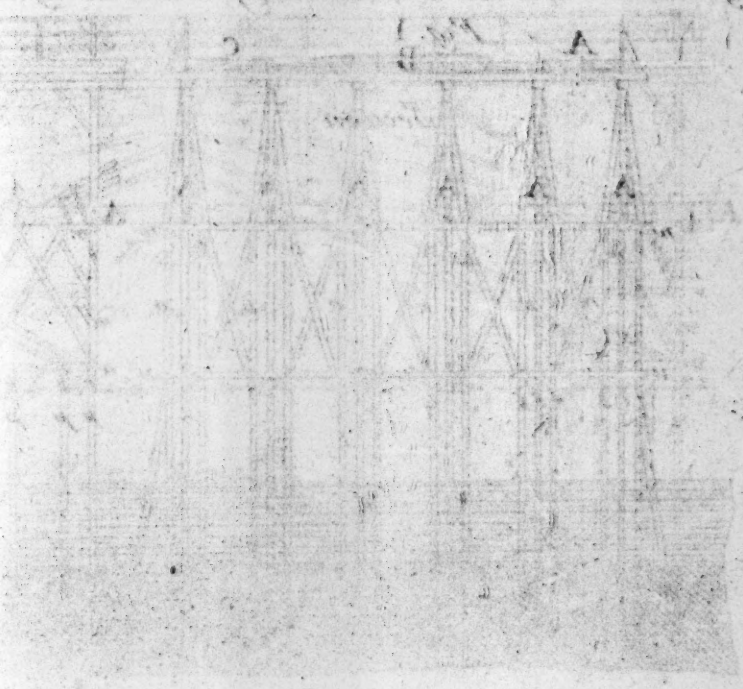

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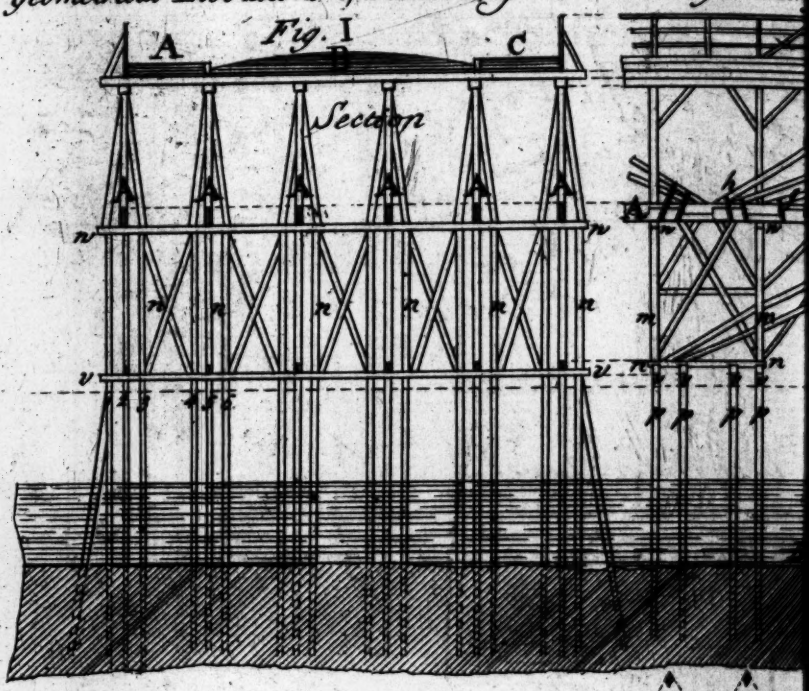
Geometrical Elevations & Sections of Timber Bridges Des[igned for the

Fig. I



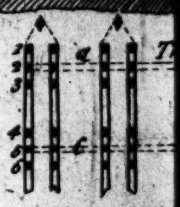
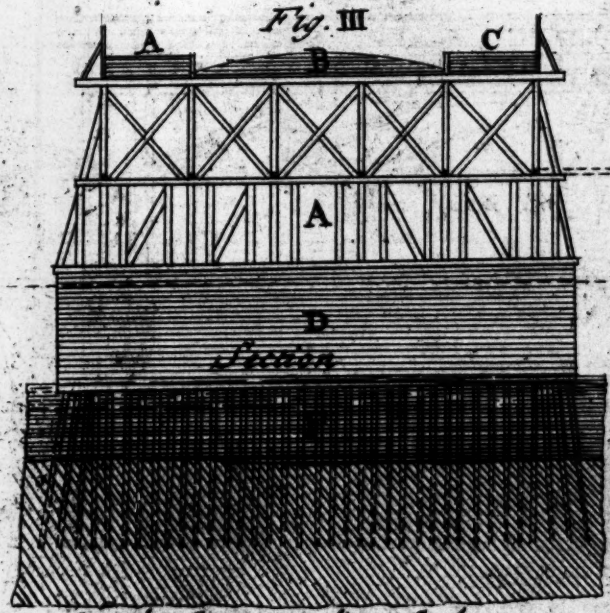
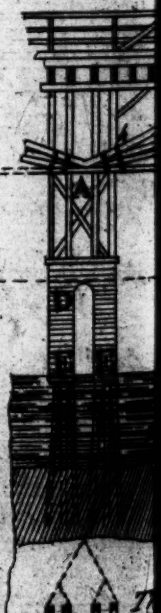


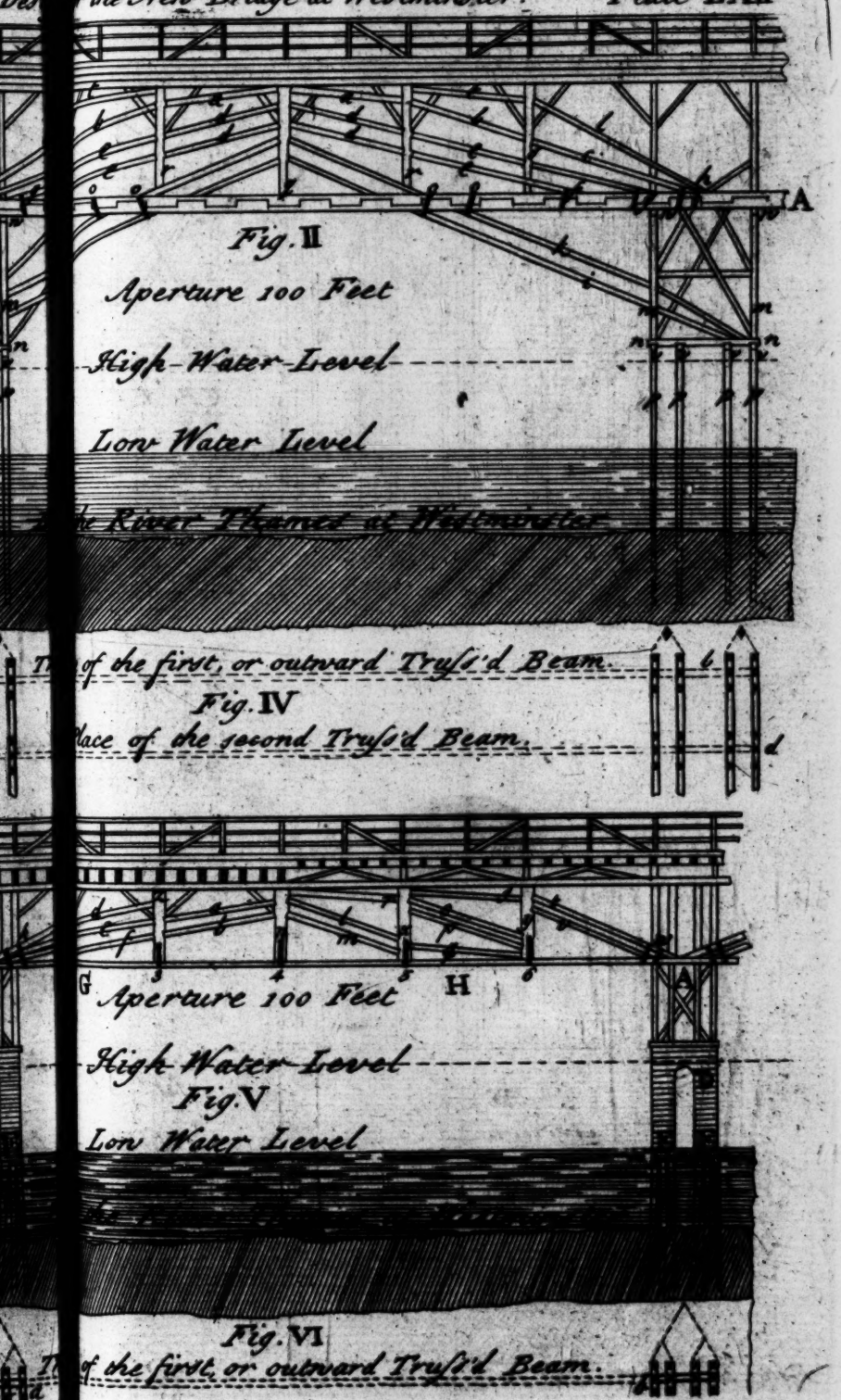
Fig. III

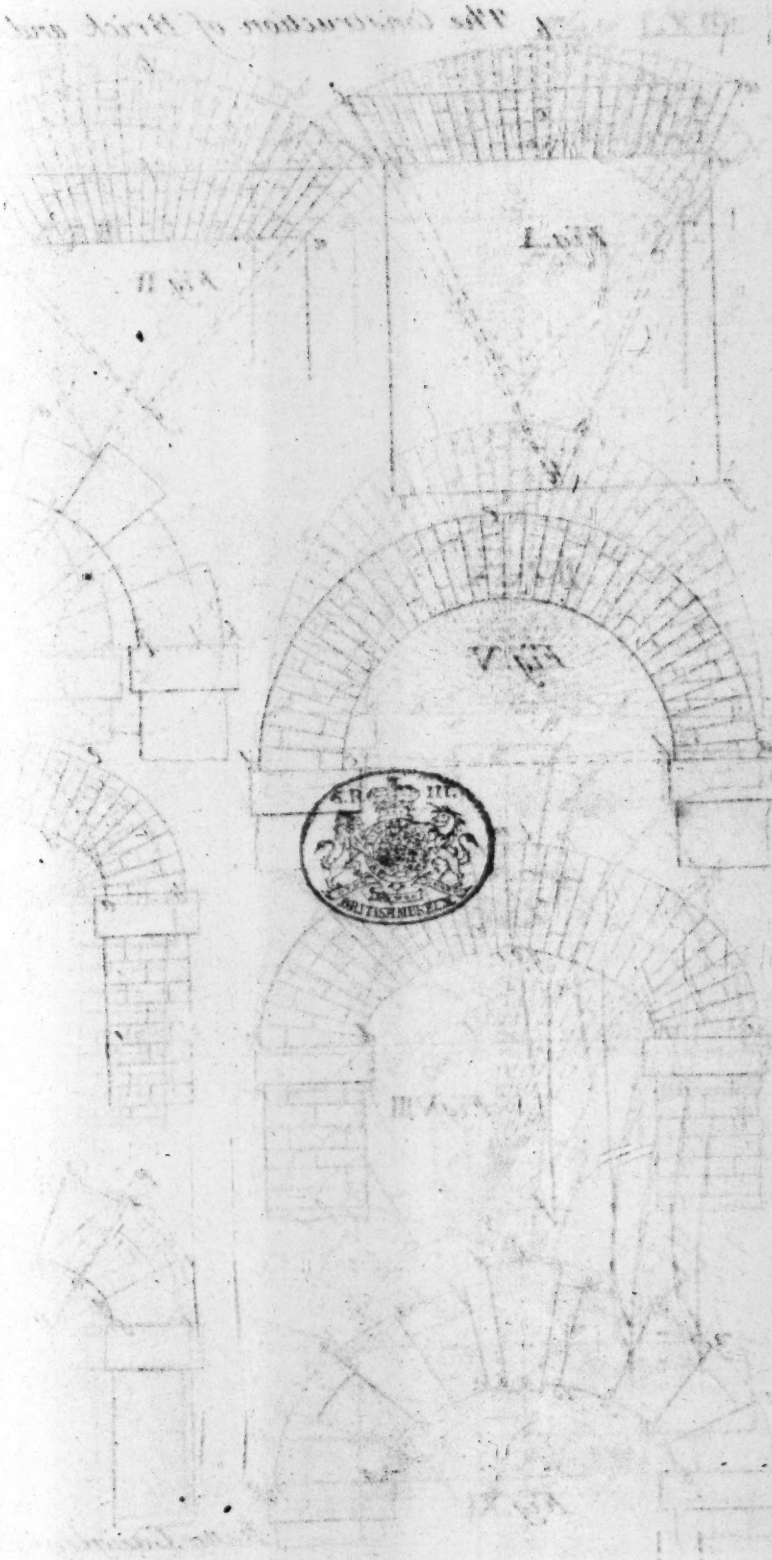




Batty Langley Invent. Delin. & Sculp. 1736.

Des[illegible] the New Bridge at Westminster. Plate LXII

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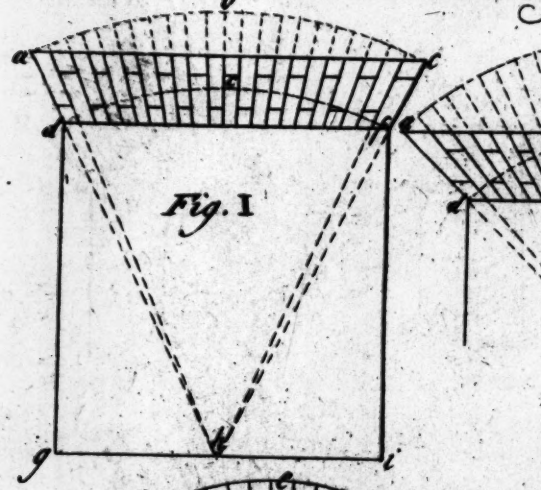


Fig. I

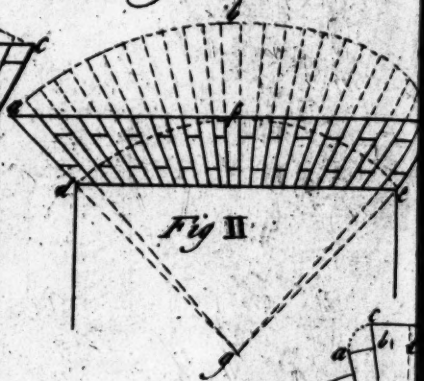
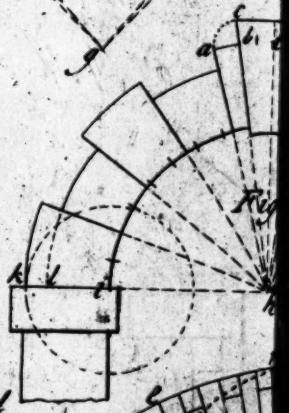


Fig II



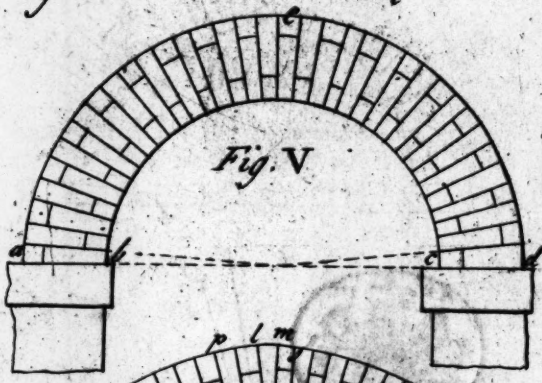
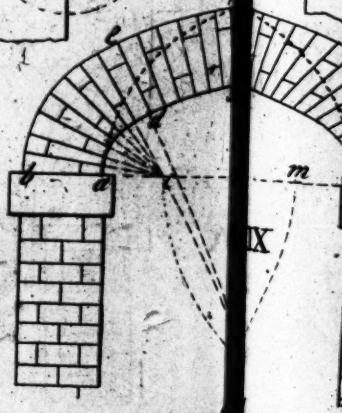
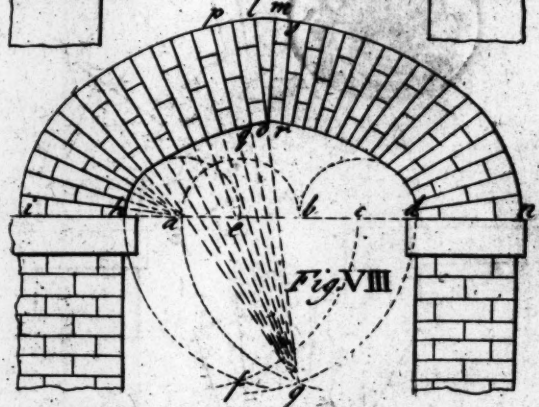


Fig. V





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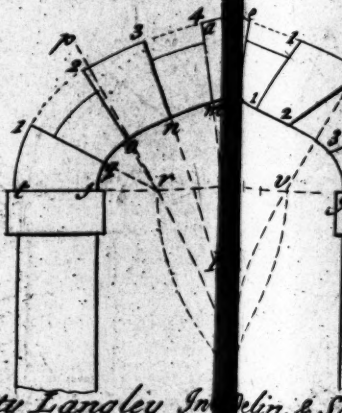


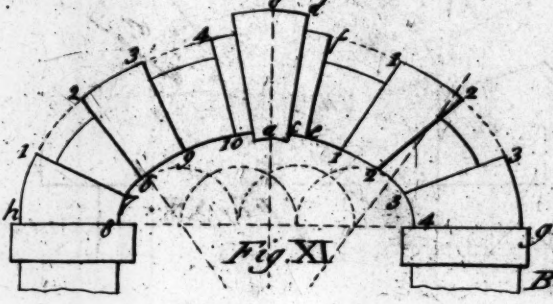
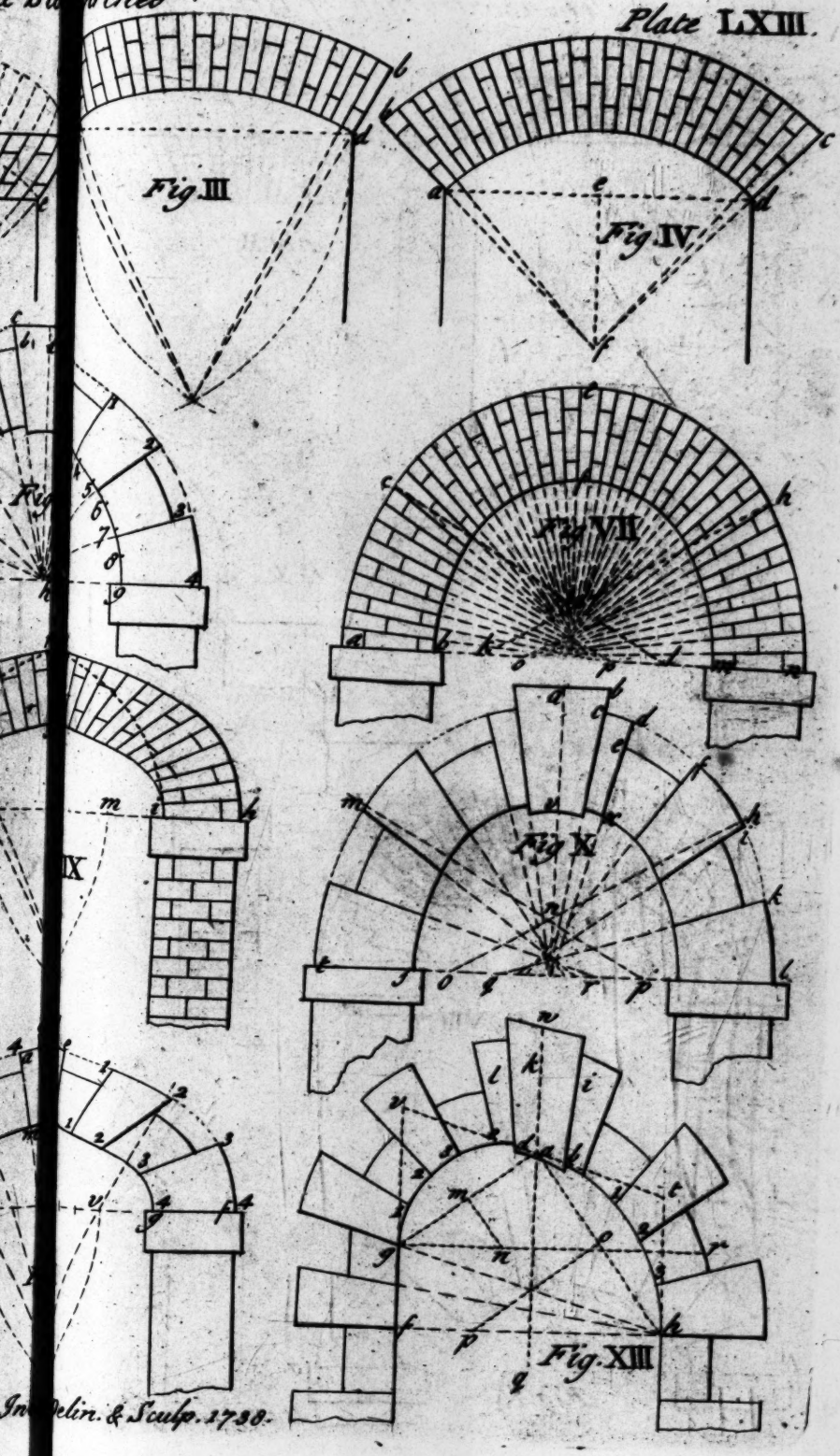


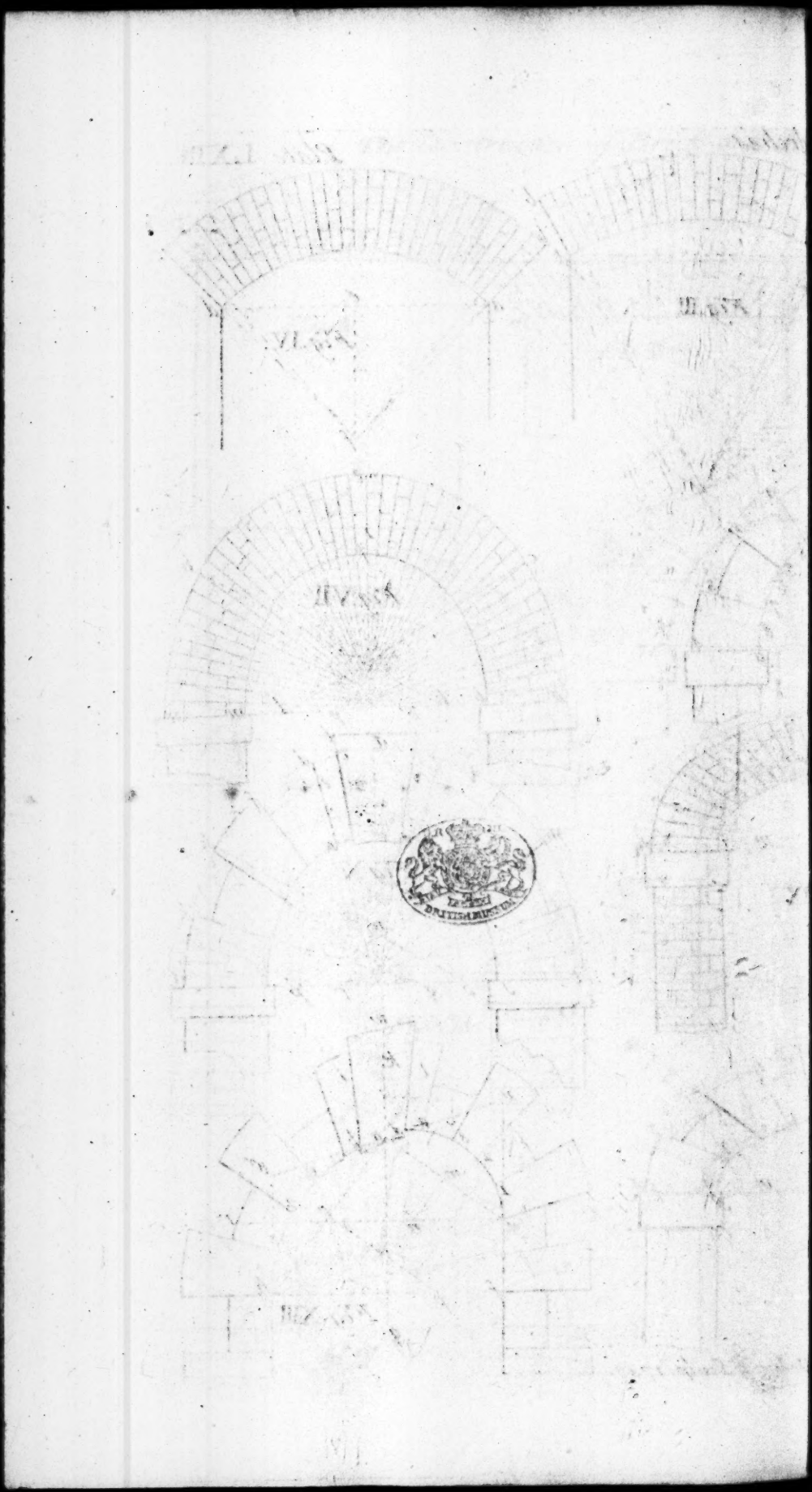
Fig. XI

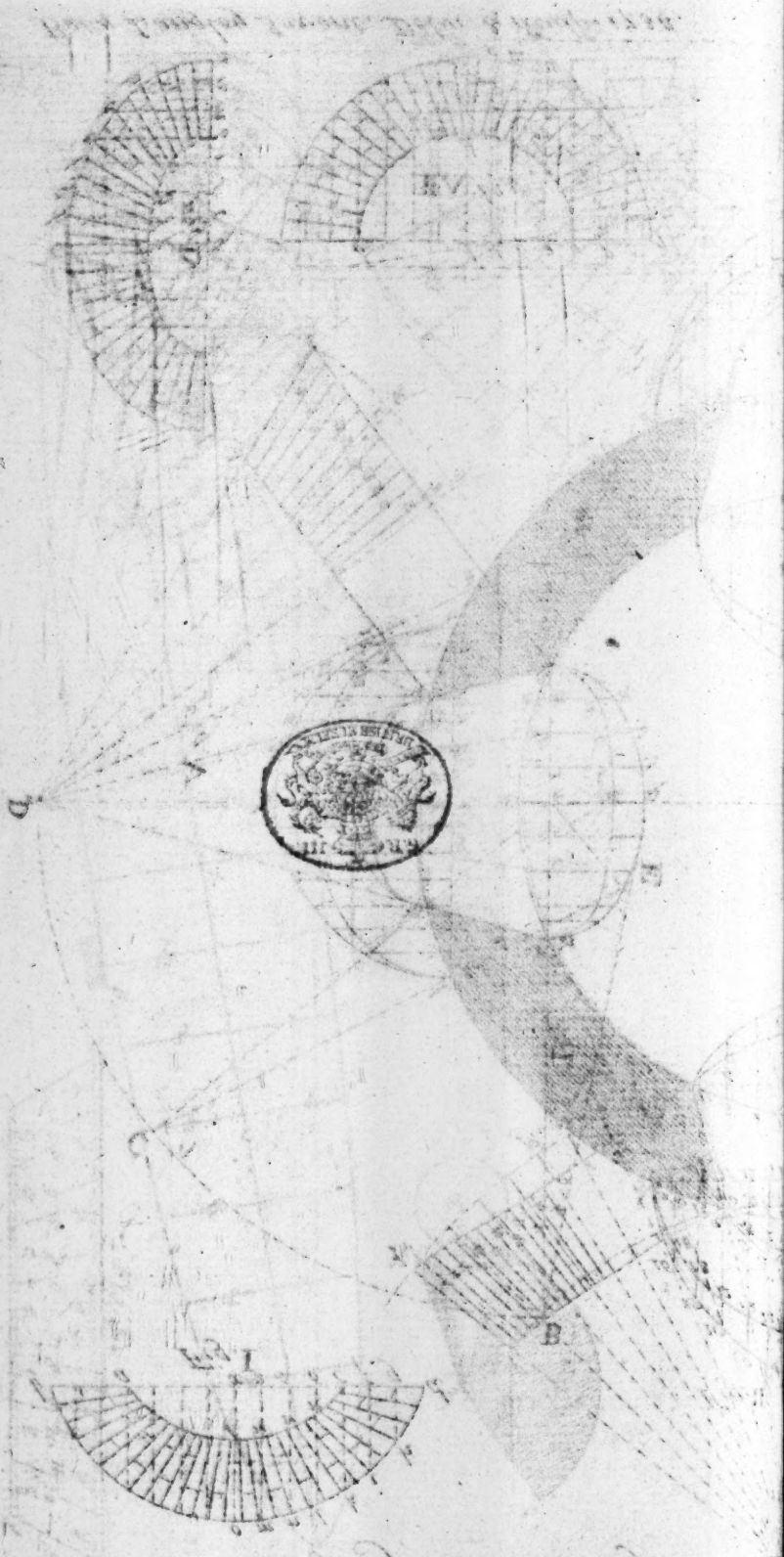
Batty Langley In[illegible]elin. & S[illegible]

Plate LXIII.

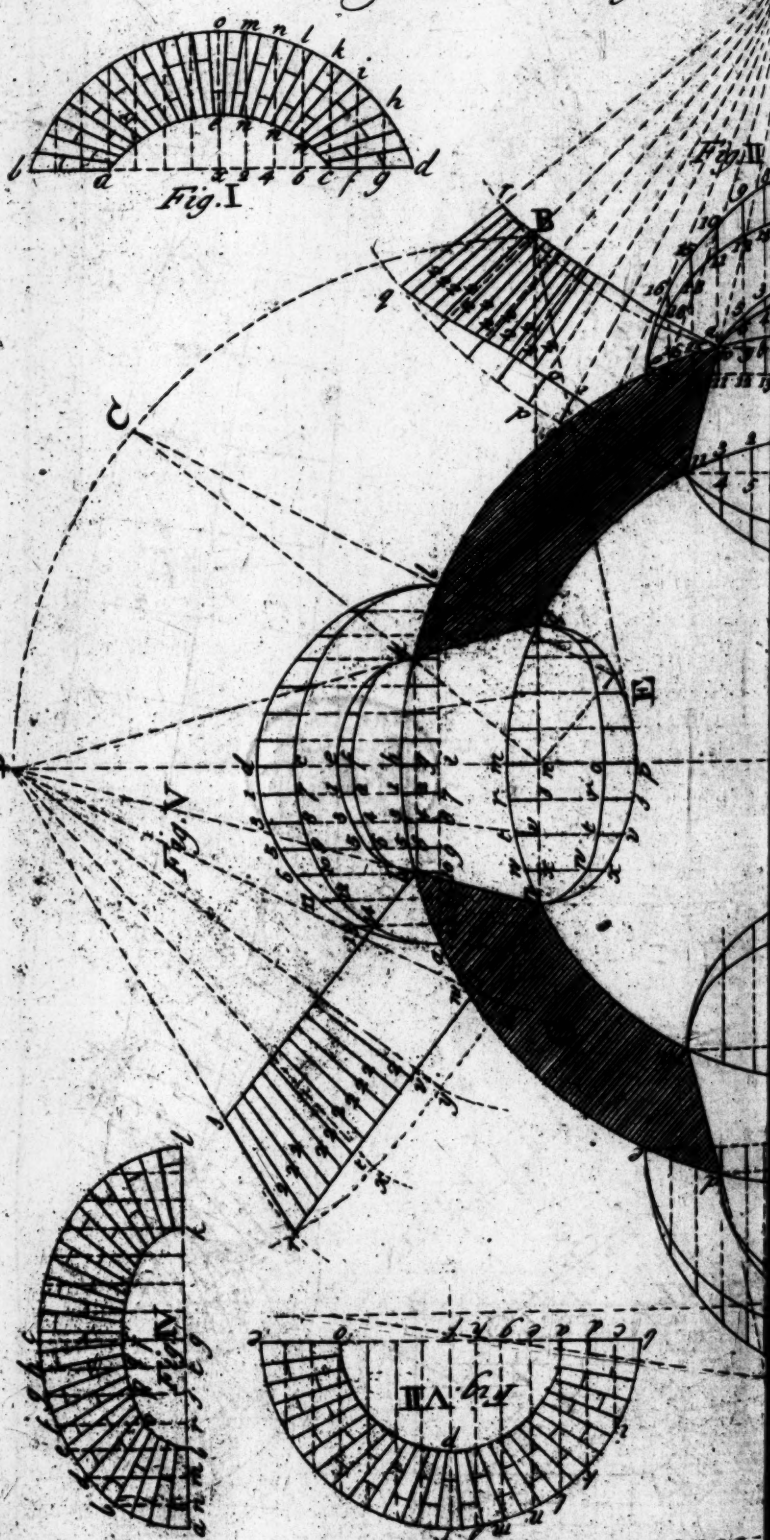


Inv. Delin. & Sculp. 1788.





The Construction of Semicircular, Semi-Elliptical & Scheme, in Circular Walls. and of their Centering.



Batty Langley Invent. Delin. & Sculp. 1738.

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Fig. VIII
Fig. IX
Fig. X
Fig. XI
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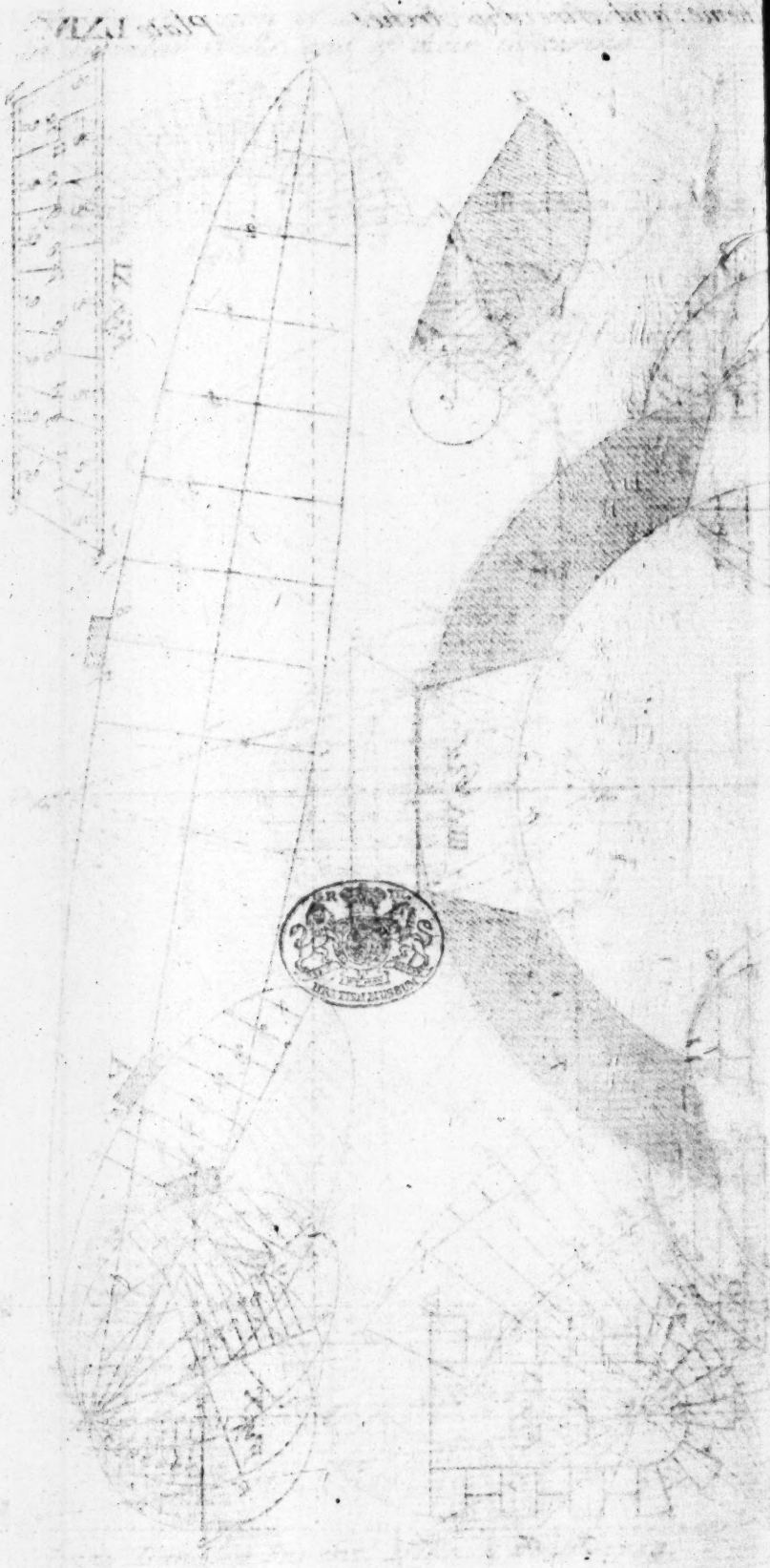

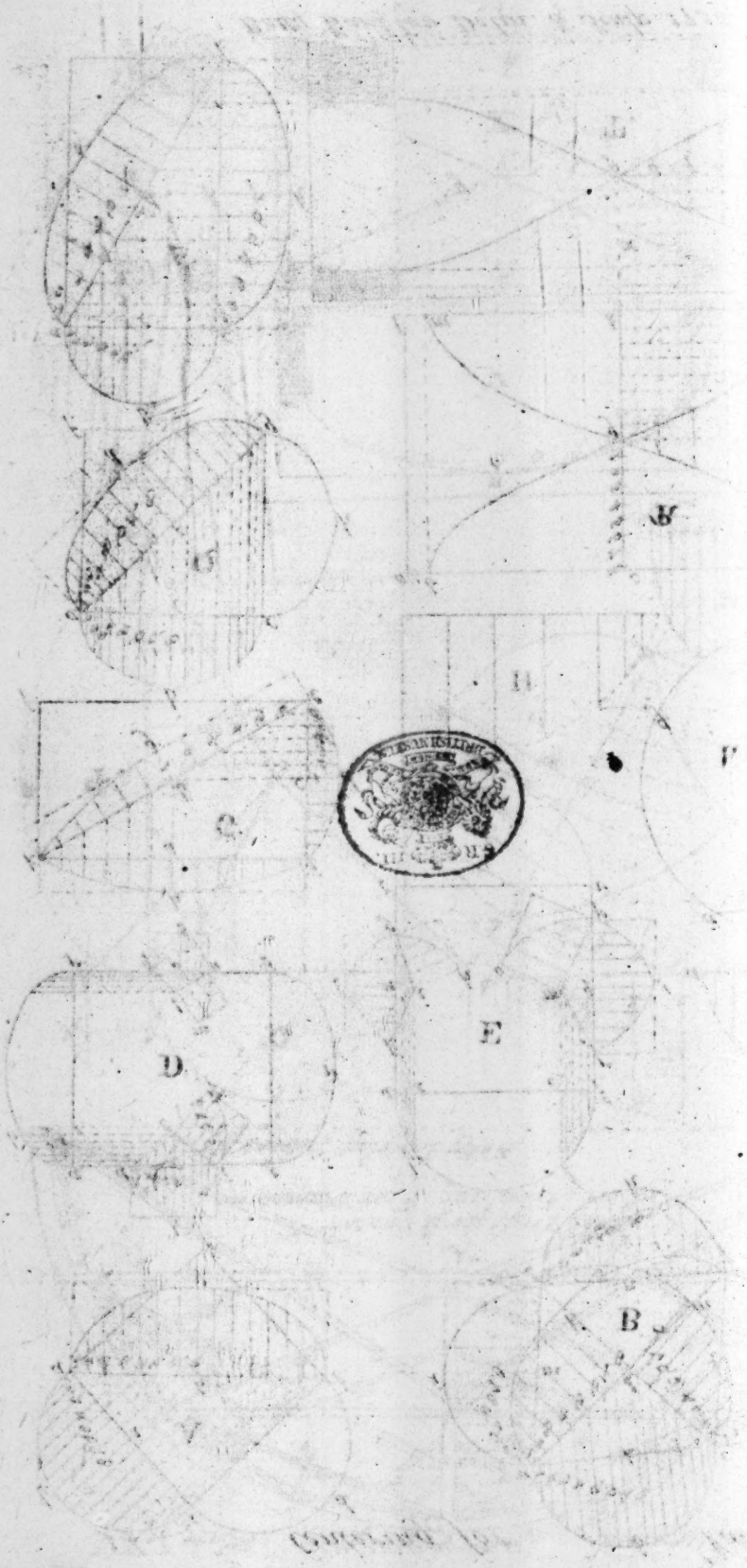
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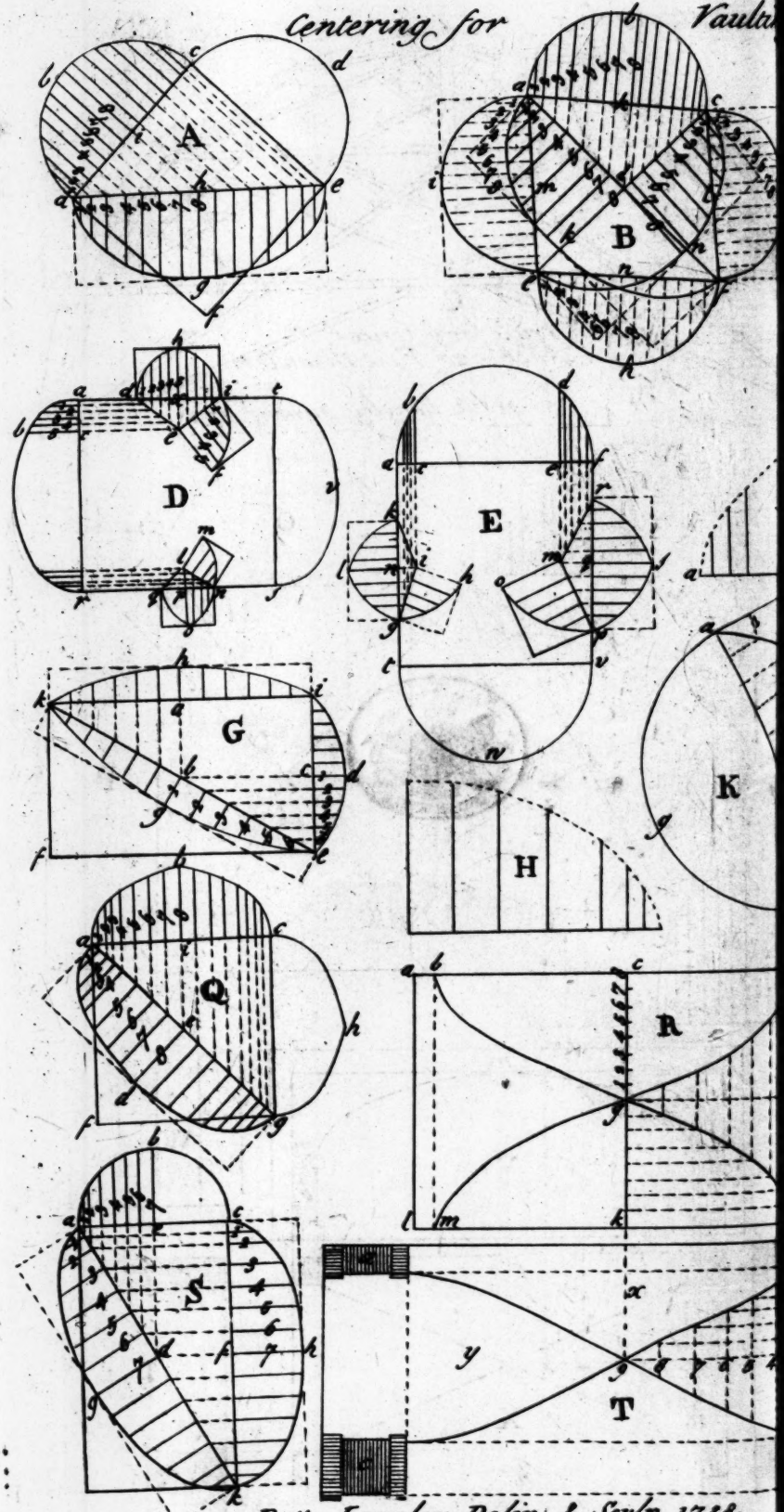
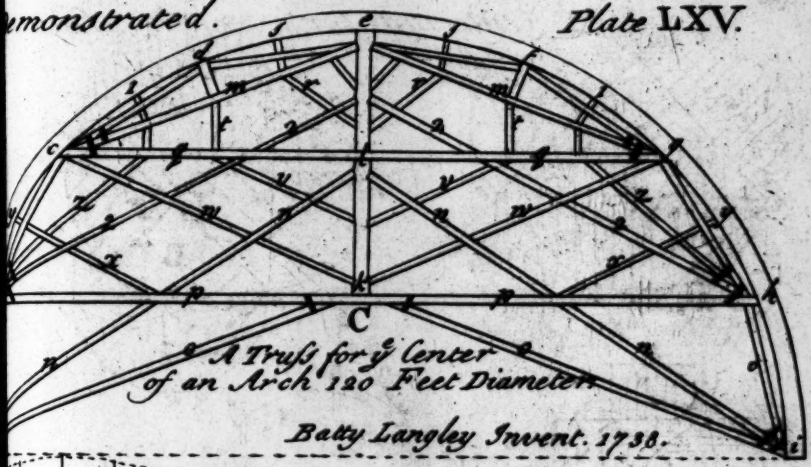
Centering for Vaulti[ng] [Mon]s

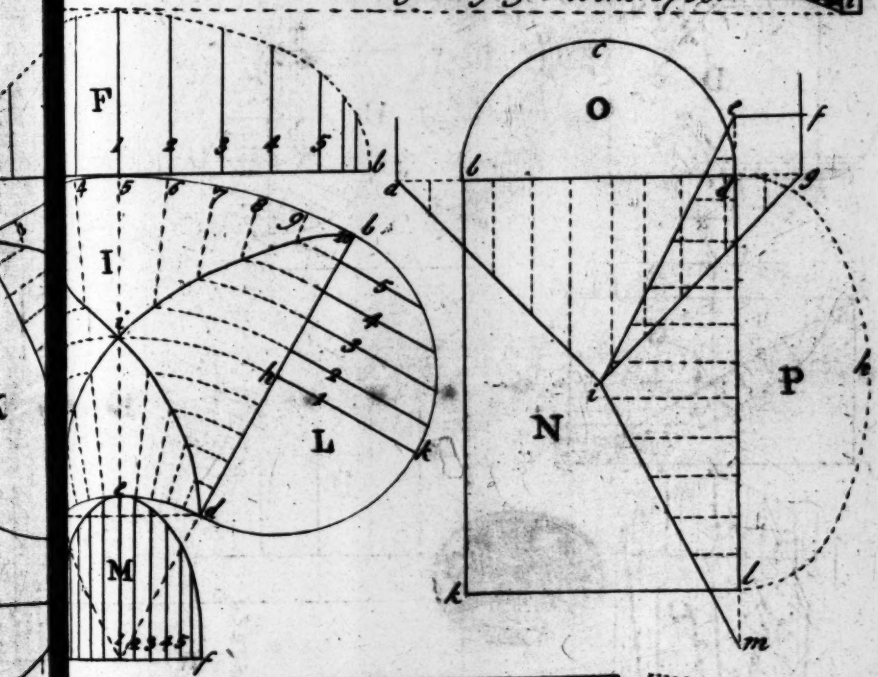


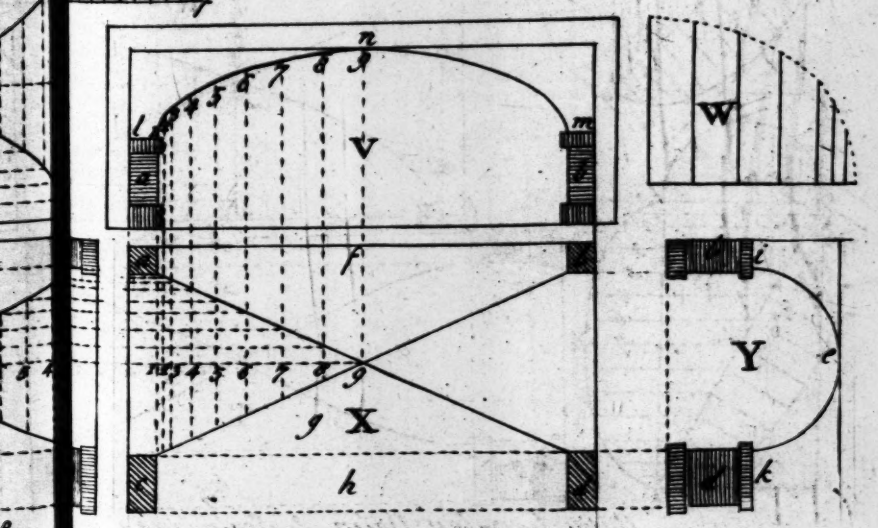
Batty Langley Delin: & Sculp. 1738.

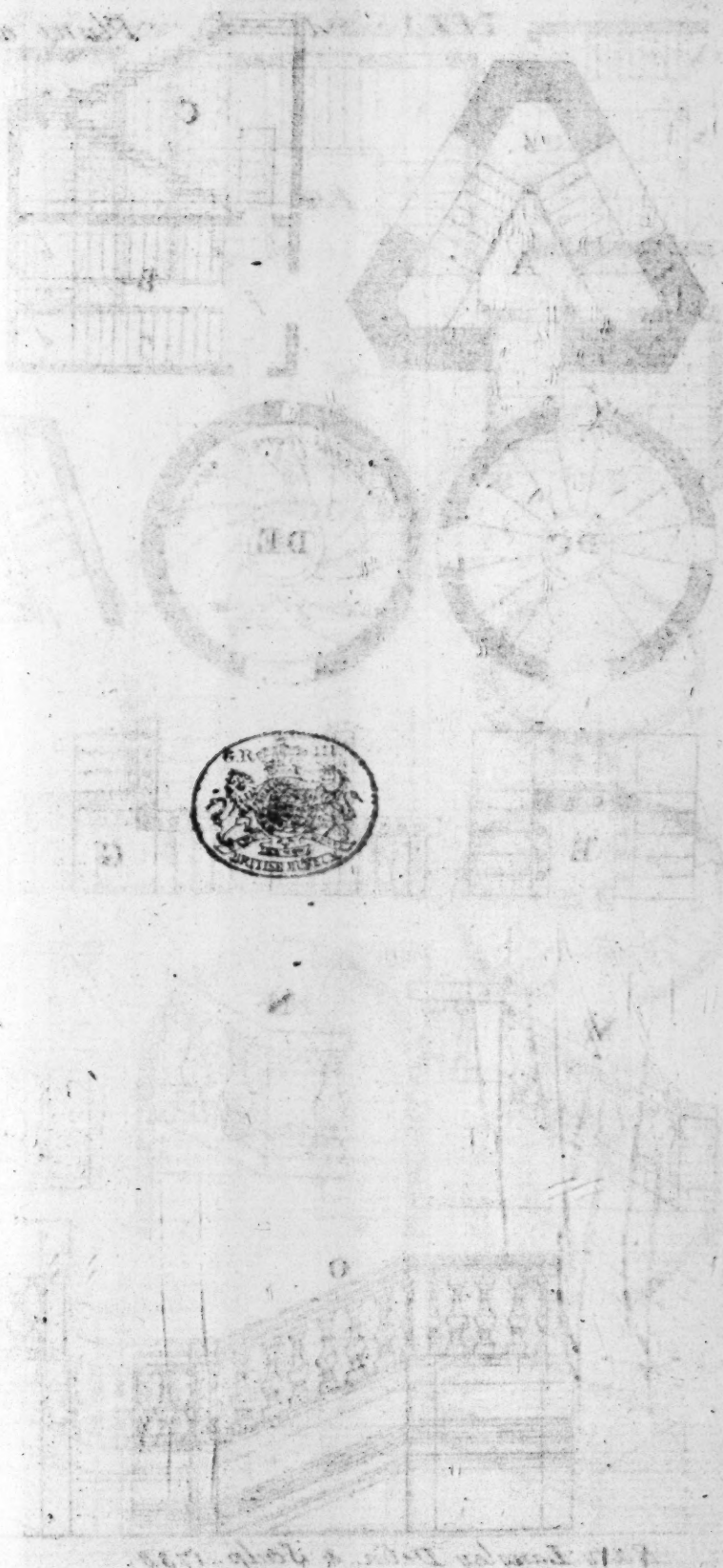


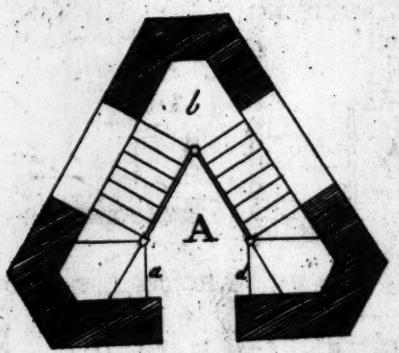
A Truss for y^e Center of an Arch 120 Feet Diameter.

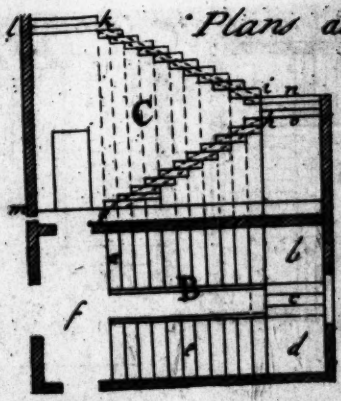
Batty Langley Invent. 1738.

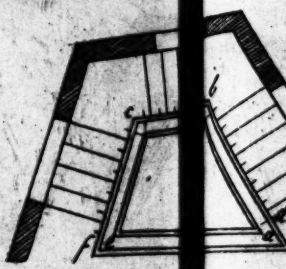


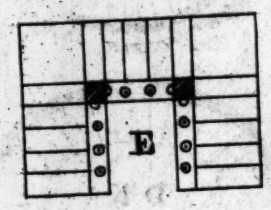


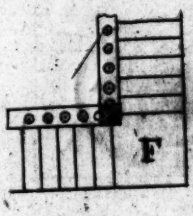


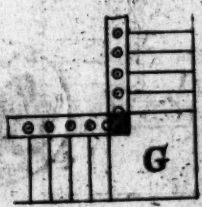


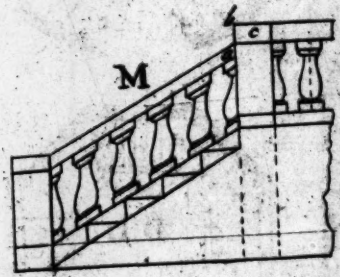


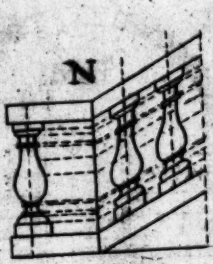


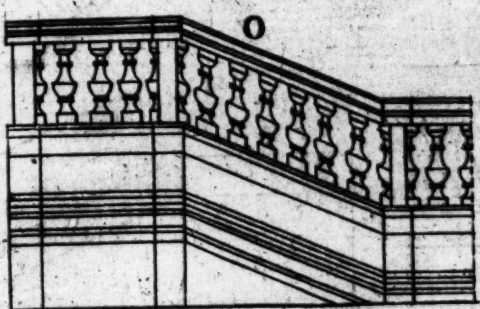




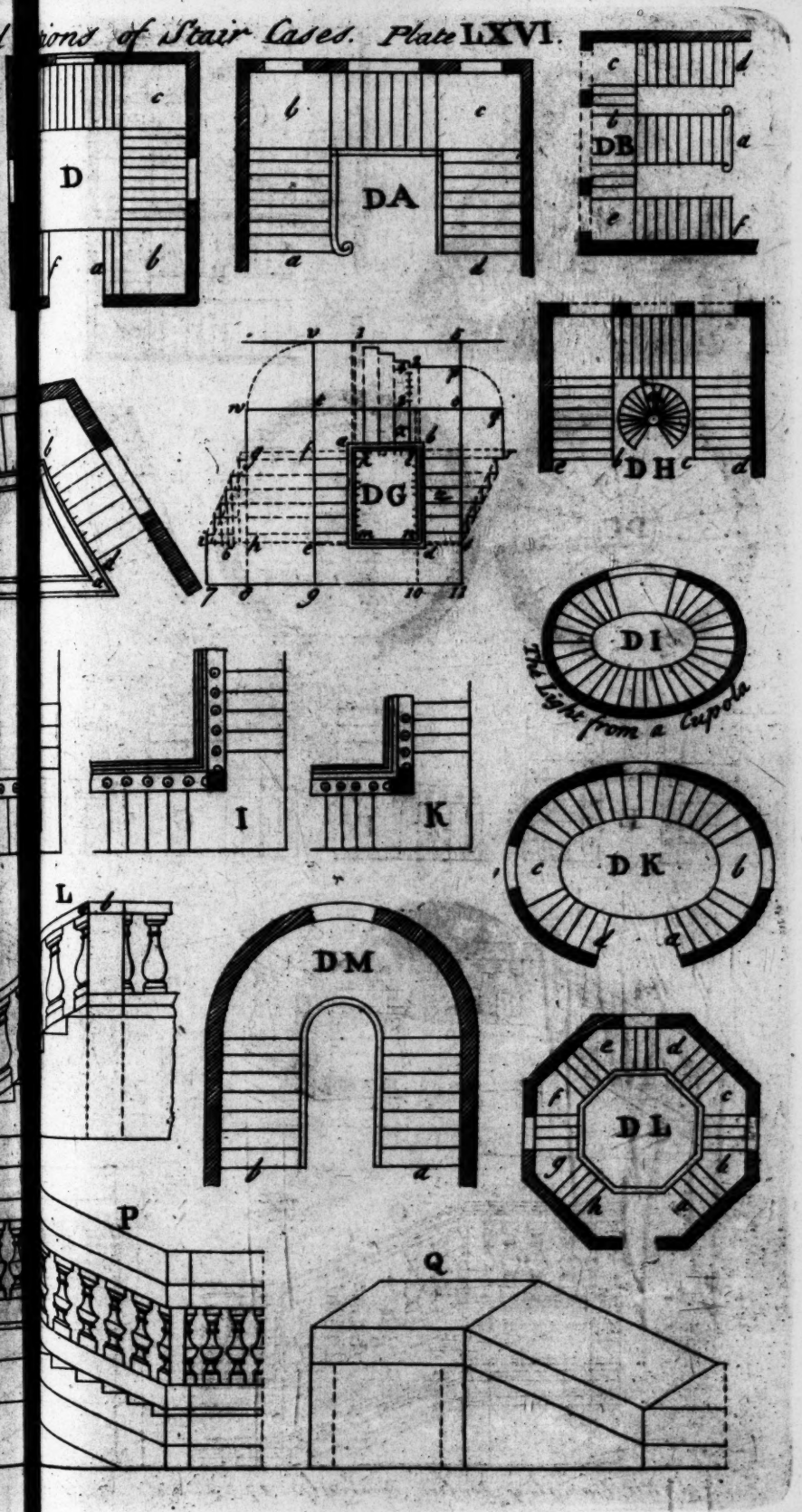








Batty Langley Delin. & Sculp. 1738.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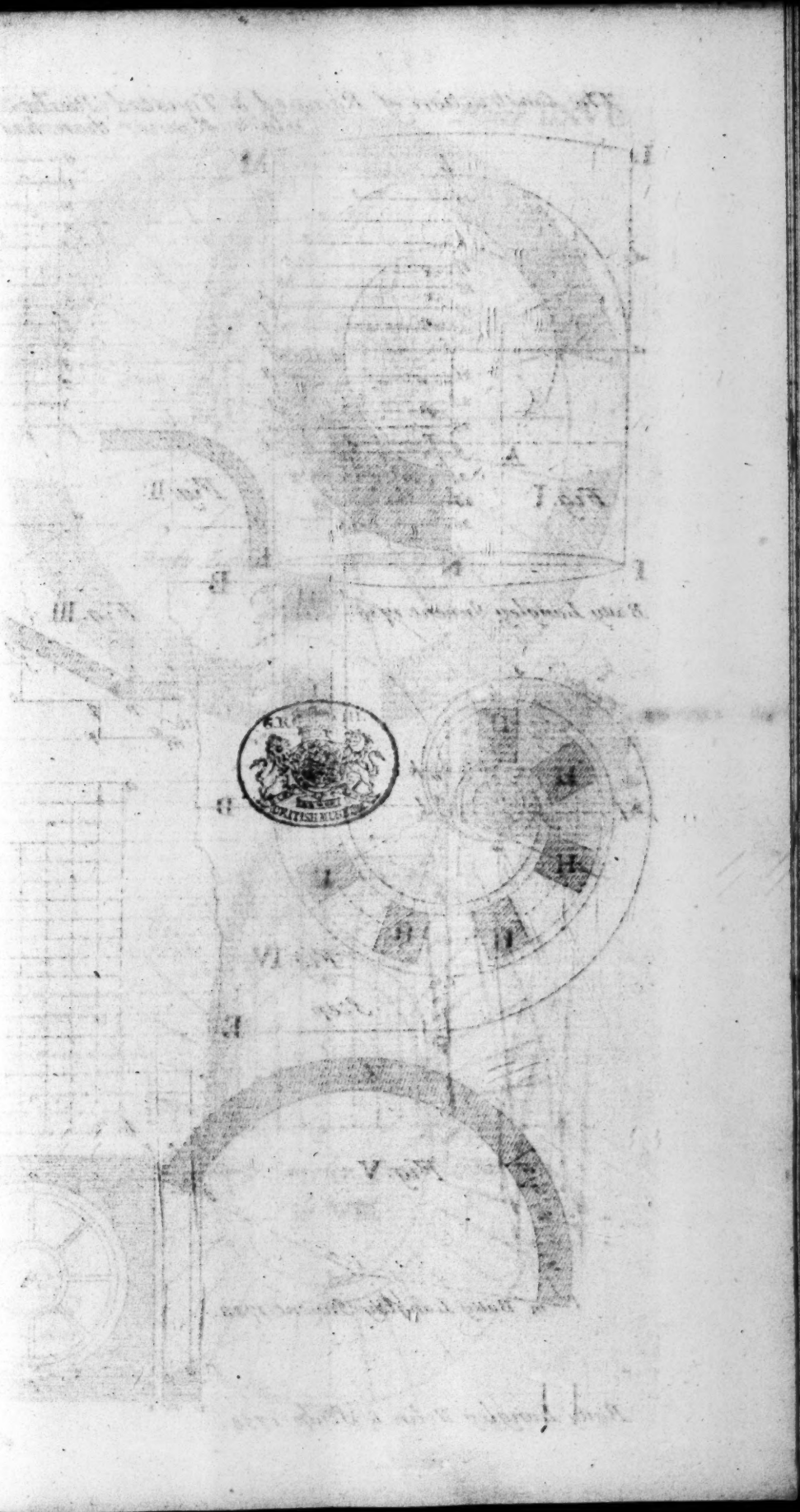
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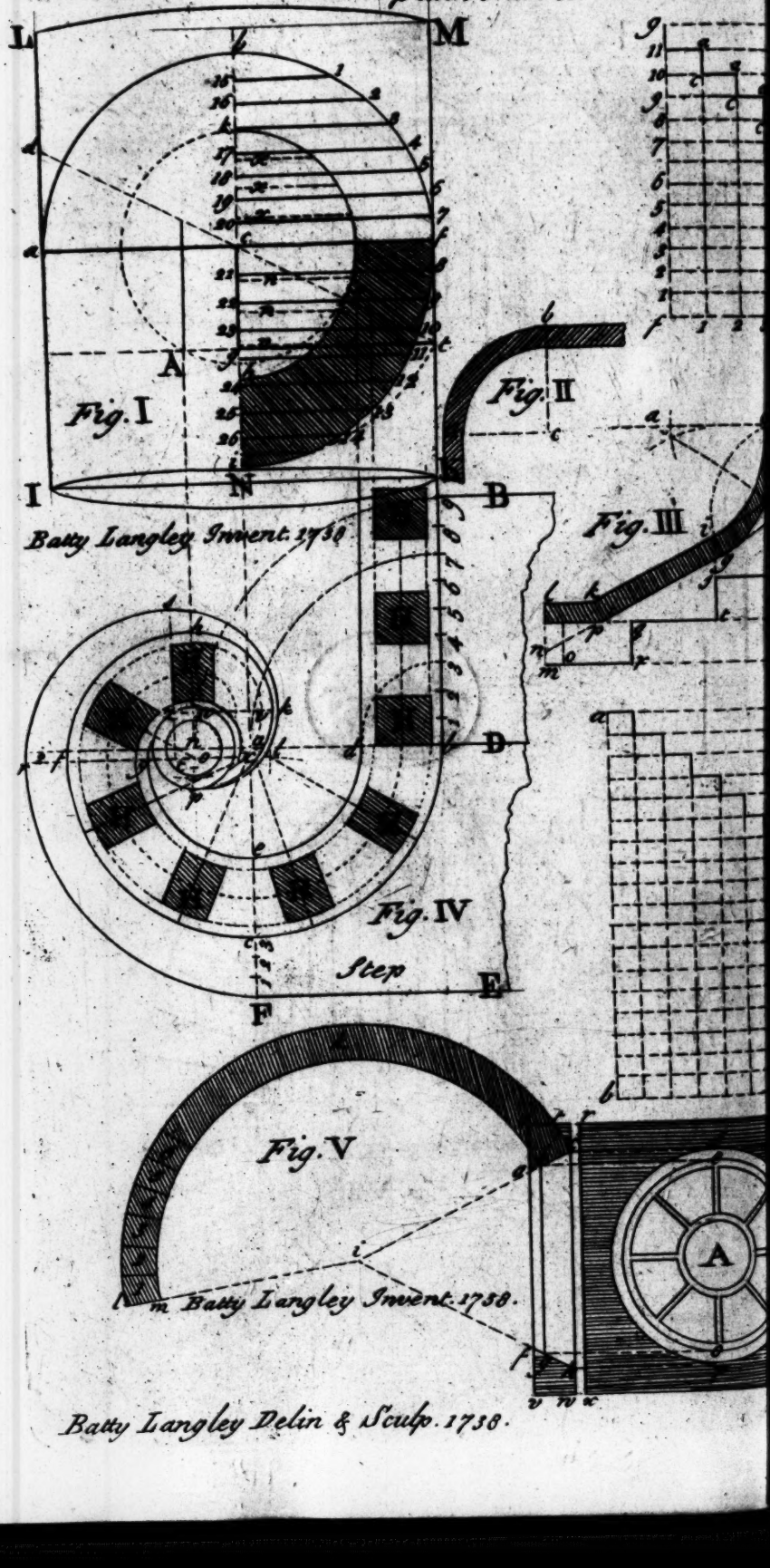
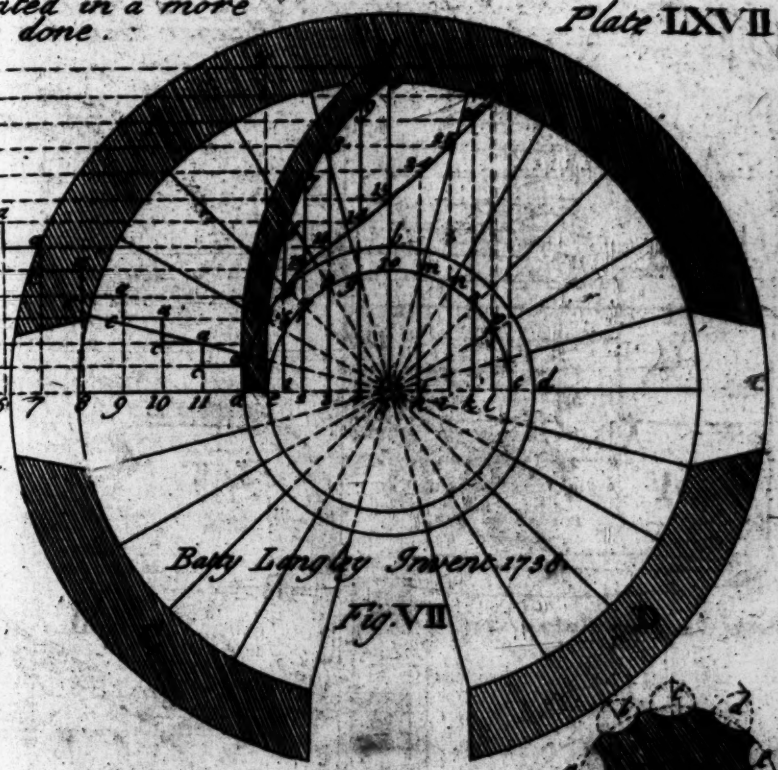
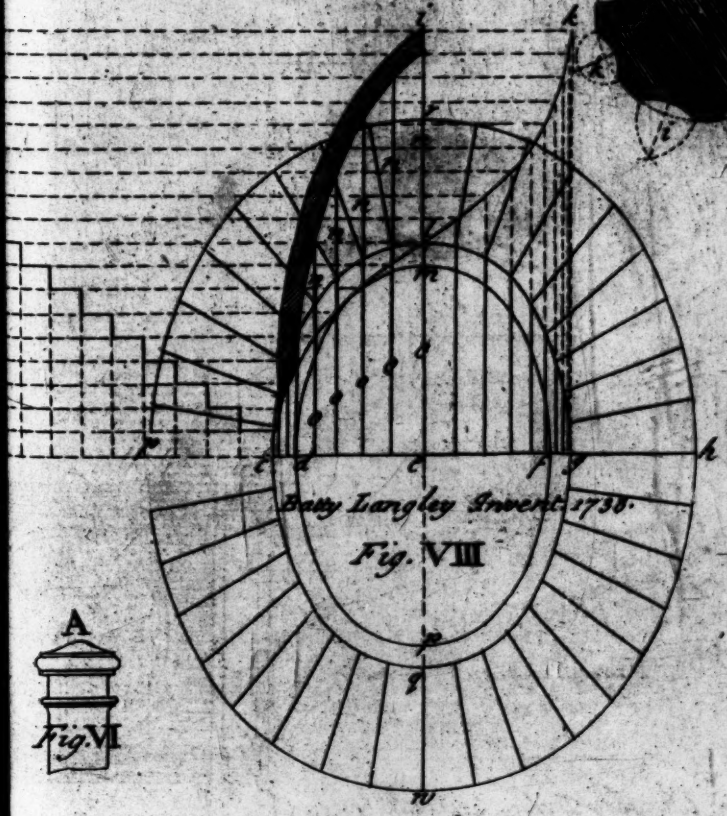
The Construction of Ramped & Twisted Rails Demonstrated in a more plain Manner than has been yet done





Batty Langley Invent. 1730.

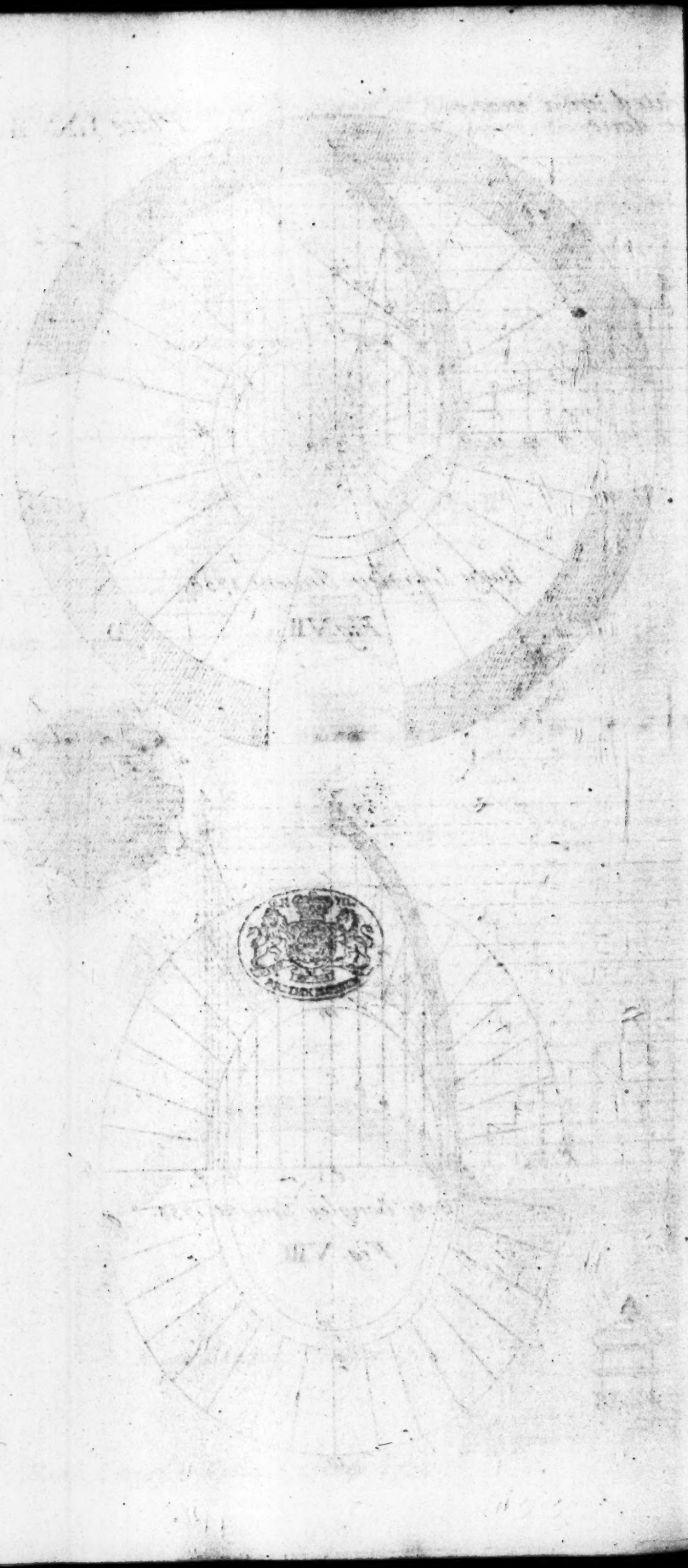
Fig. VII



Batty Langley Invent. 1730.

Fig. VIII

Fig. VI



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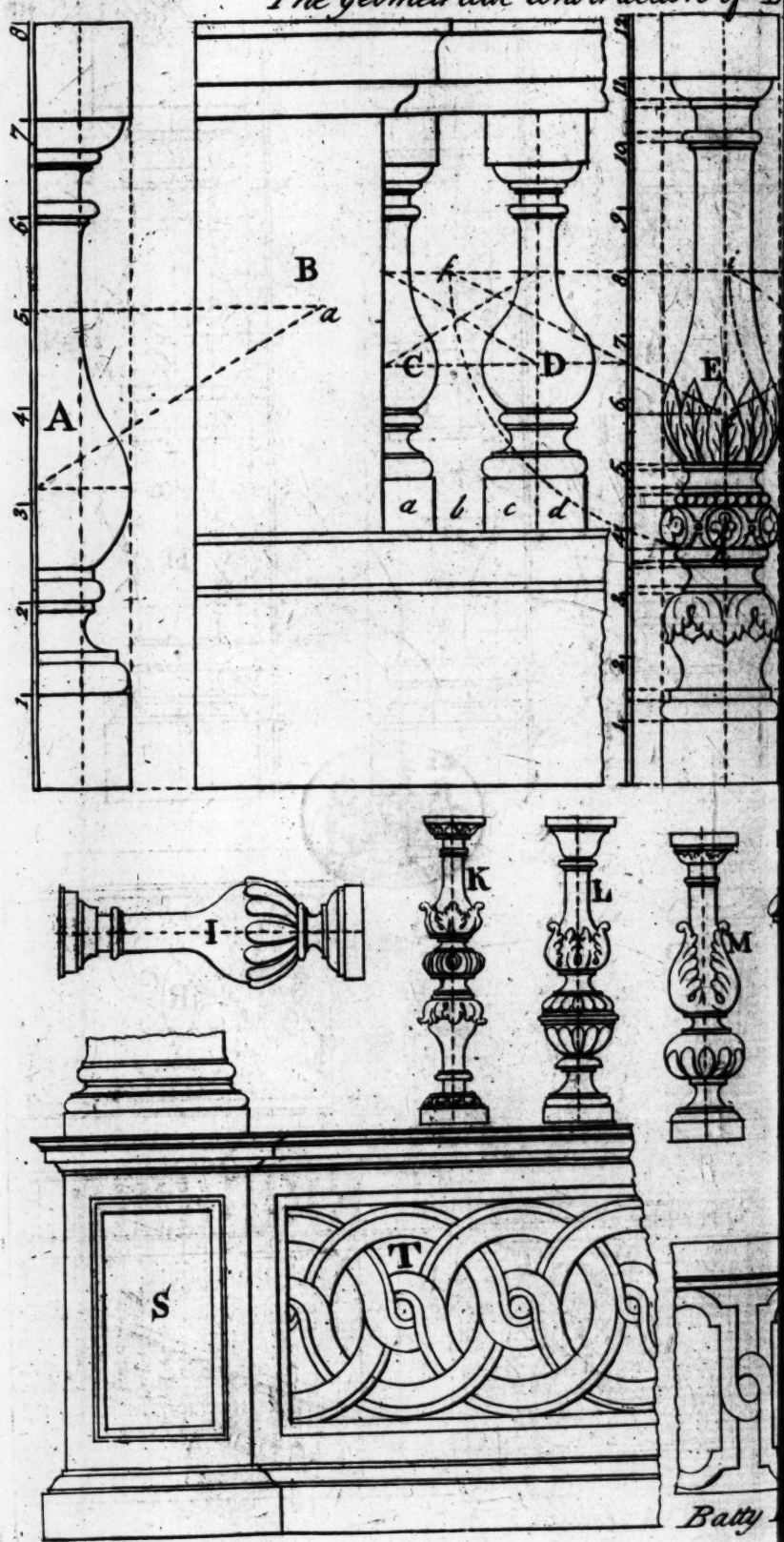

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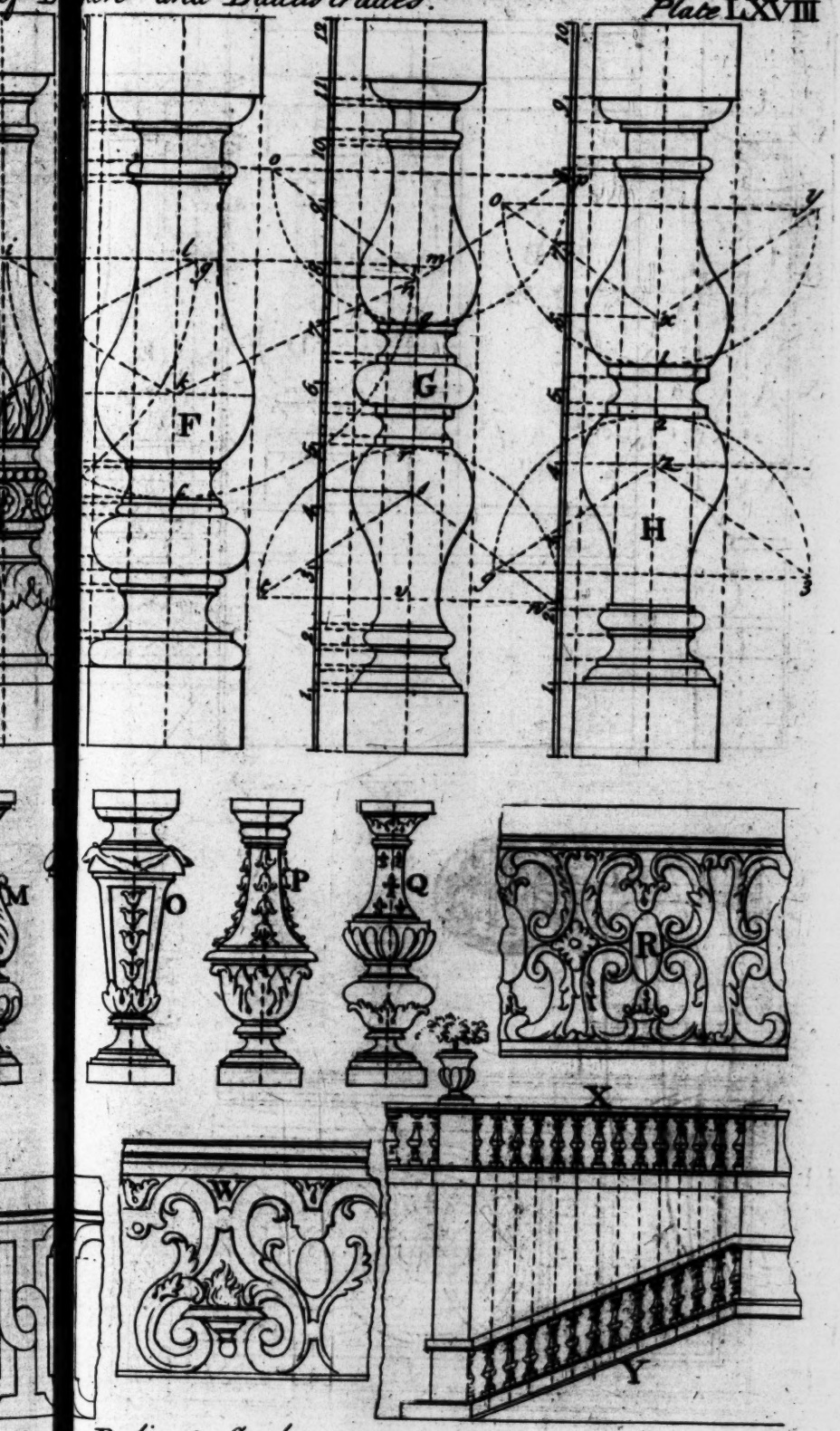
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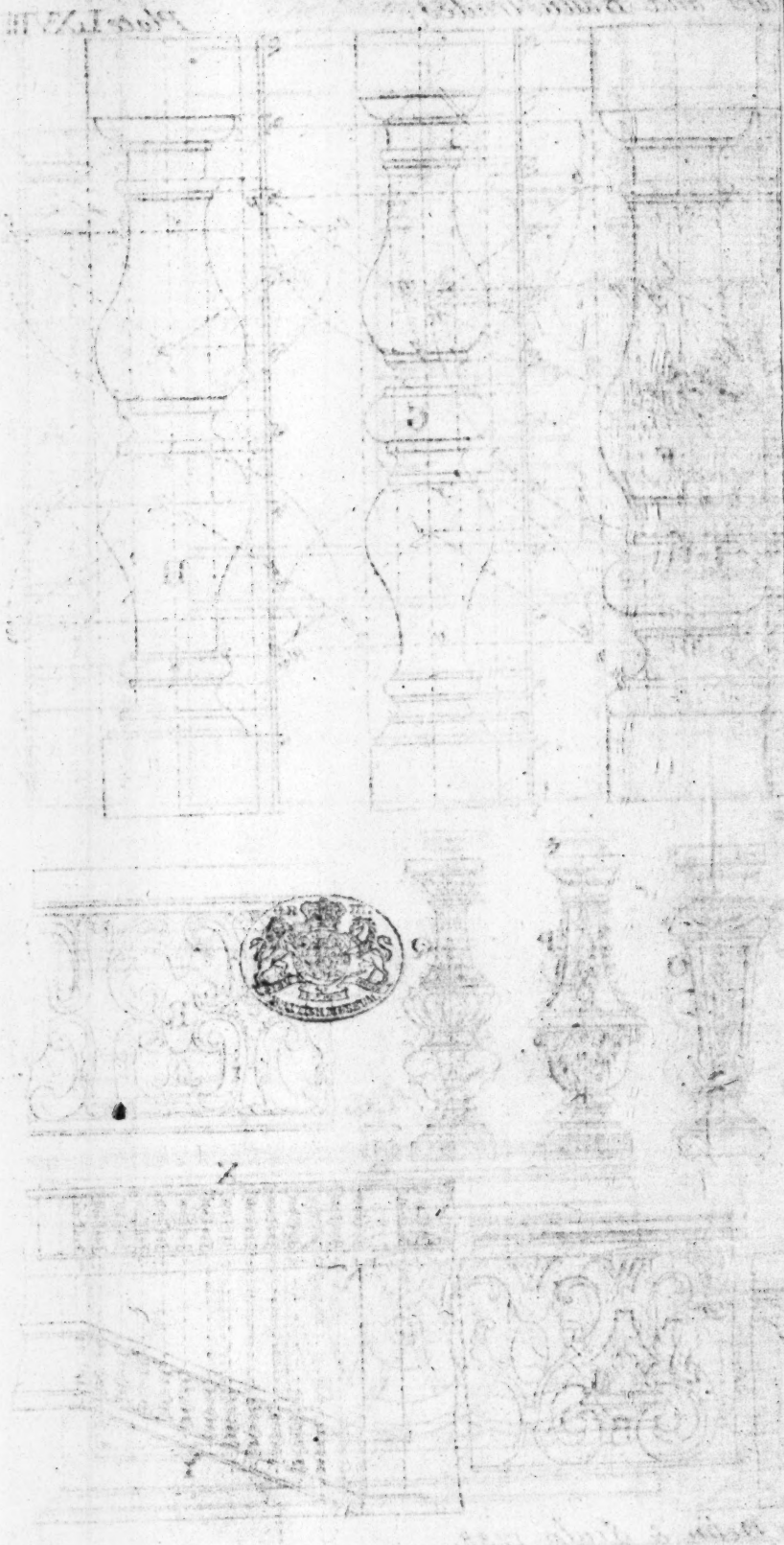

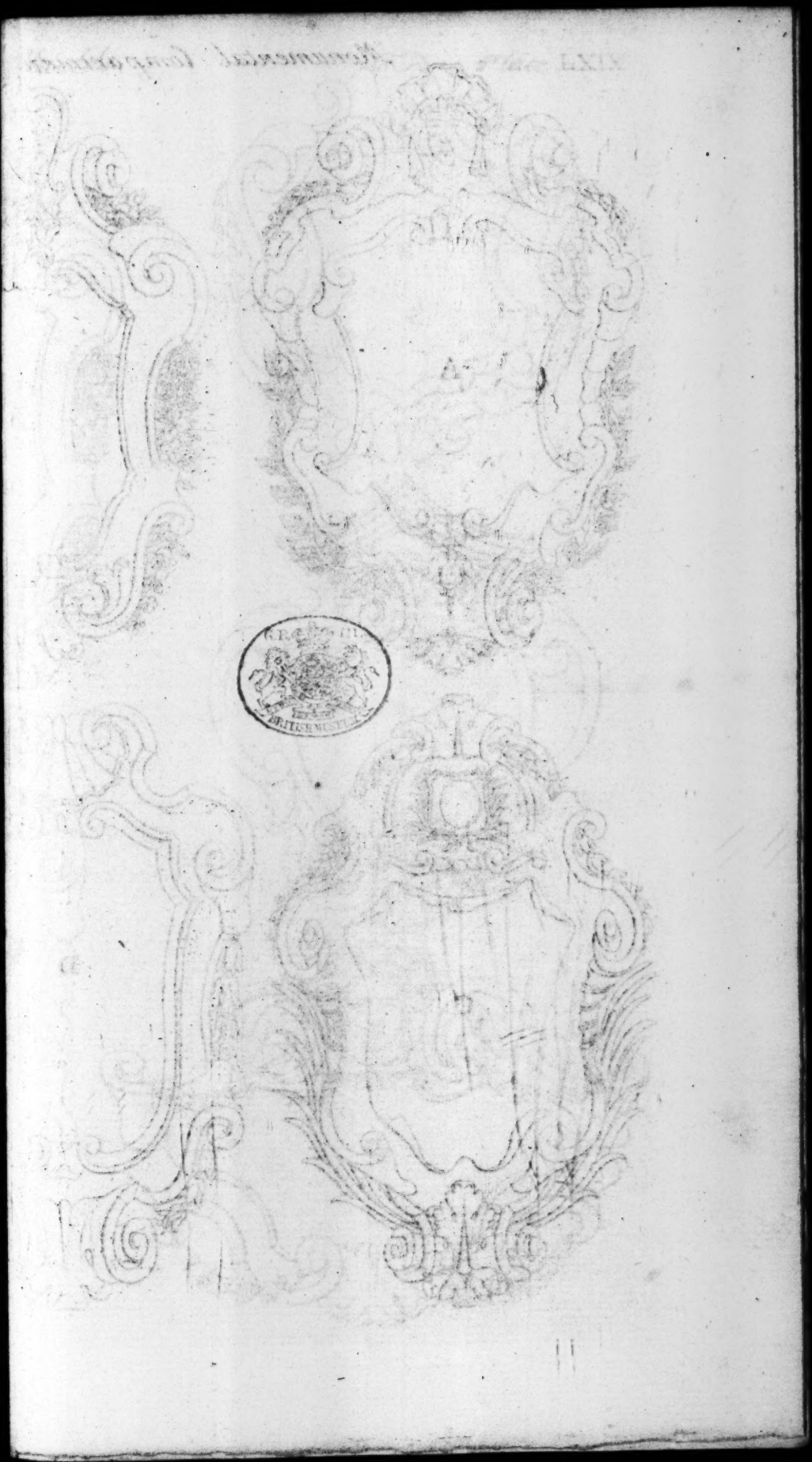

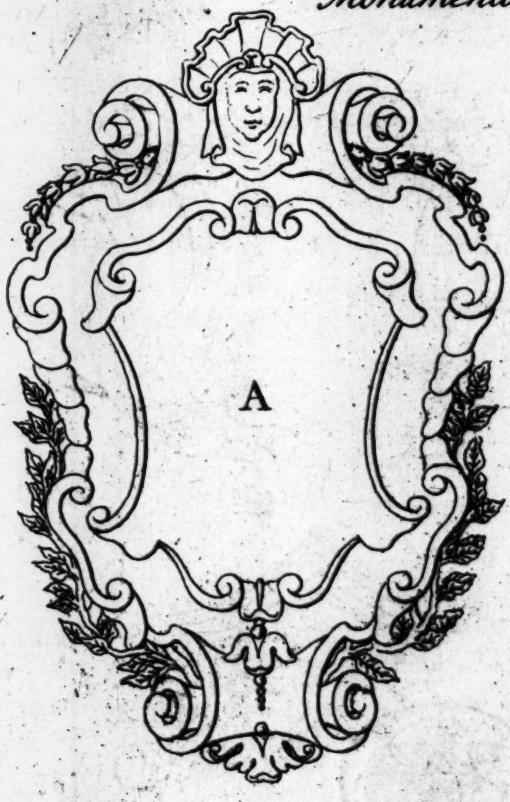
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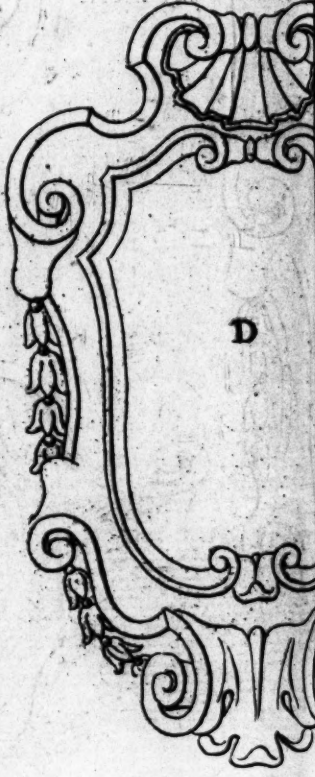
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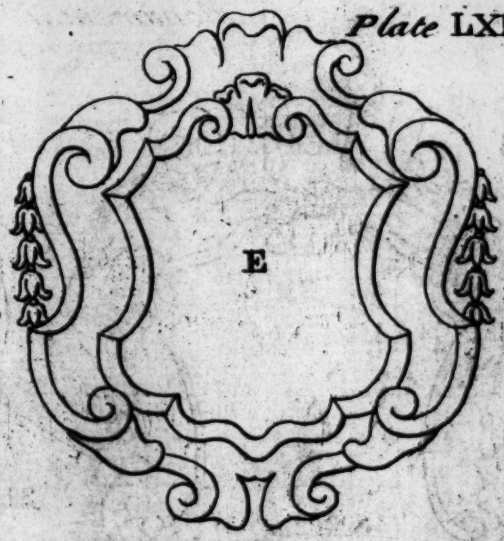
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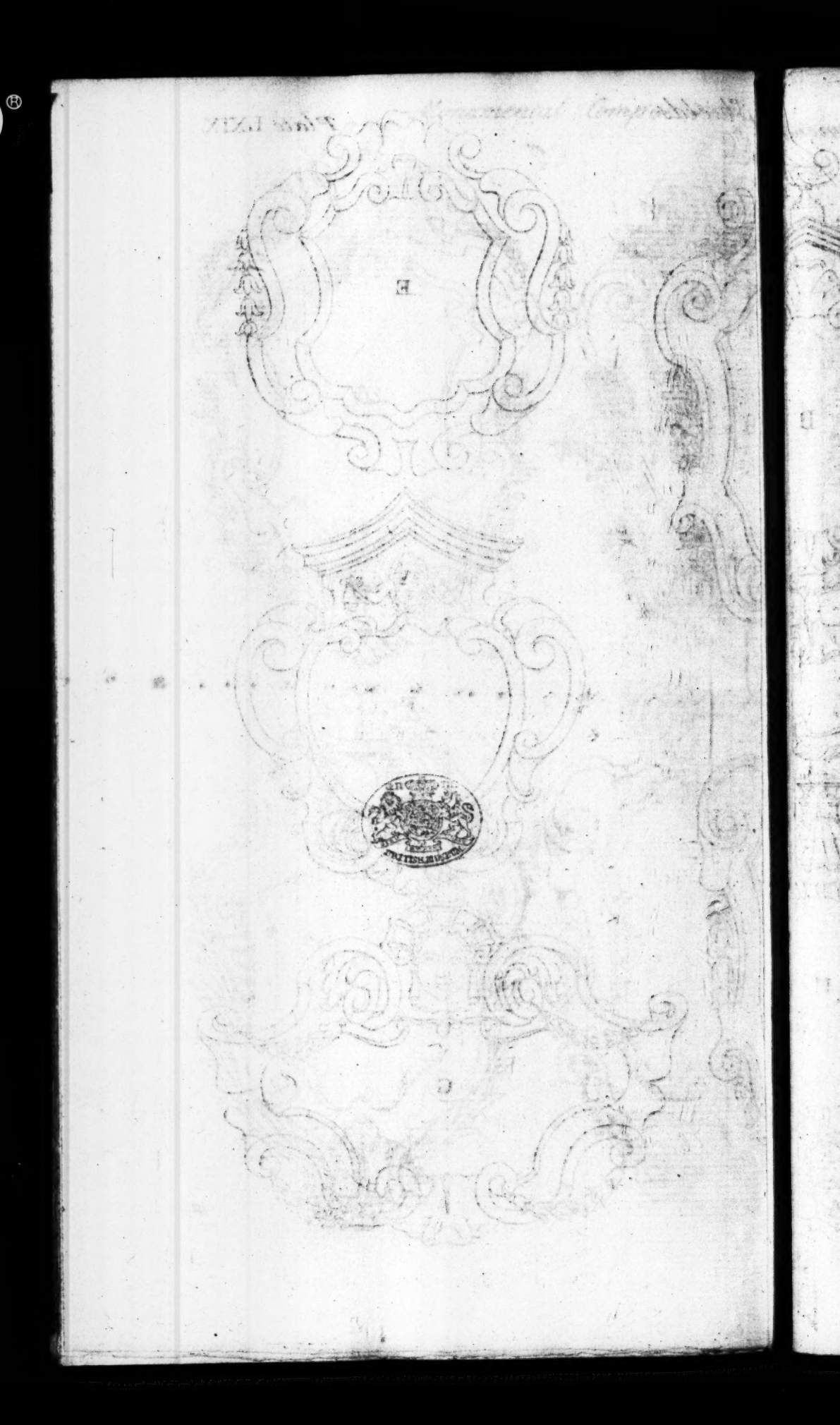

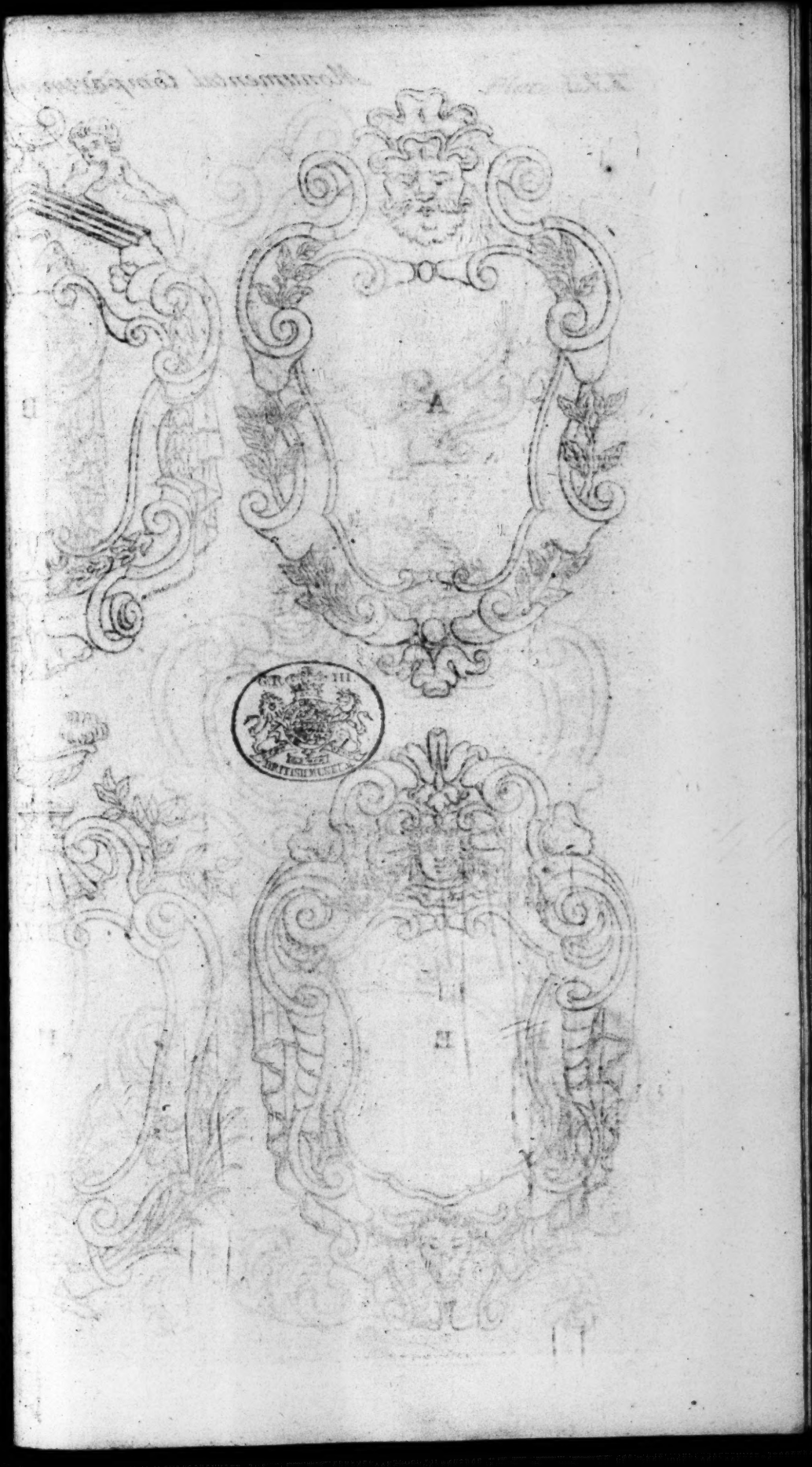
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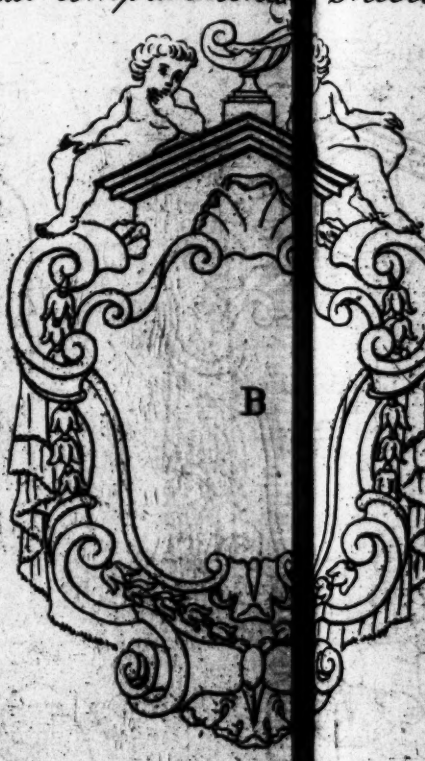
Monumental Compartments & Shields



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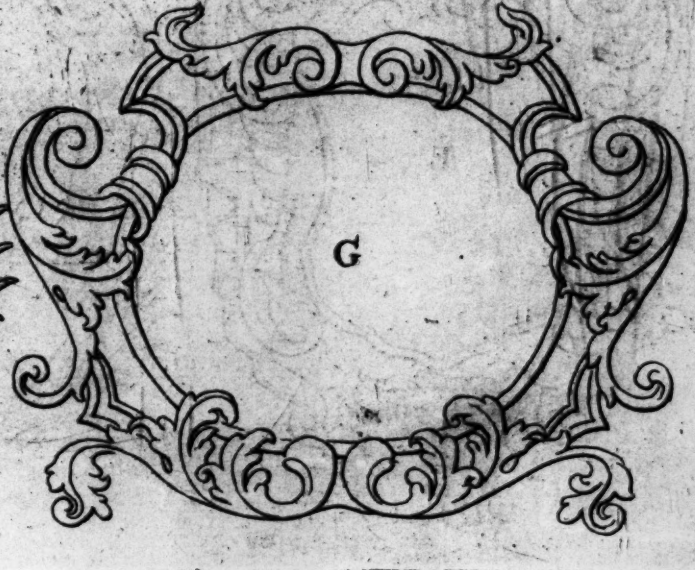
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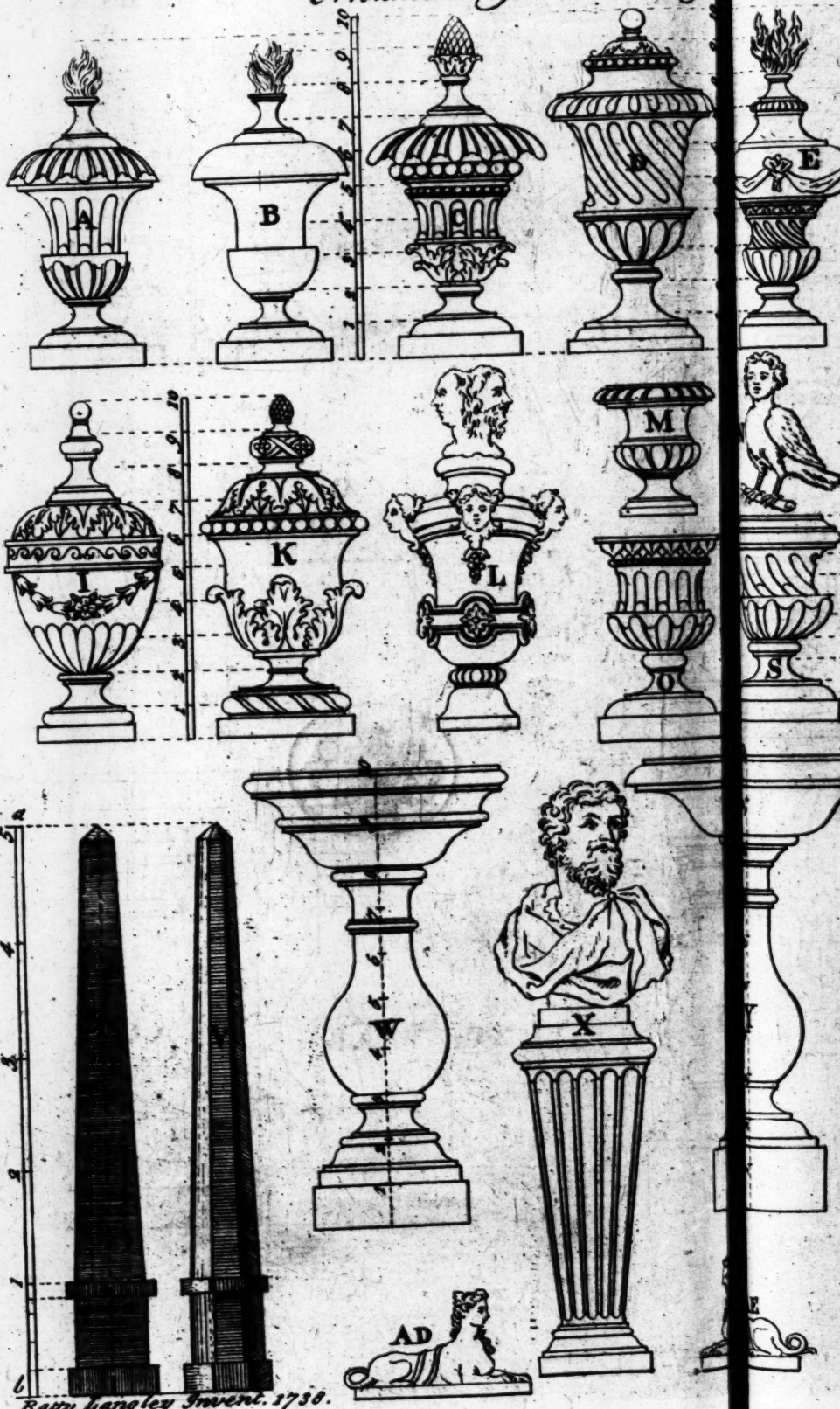
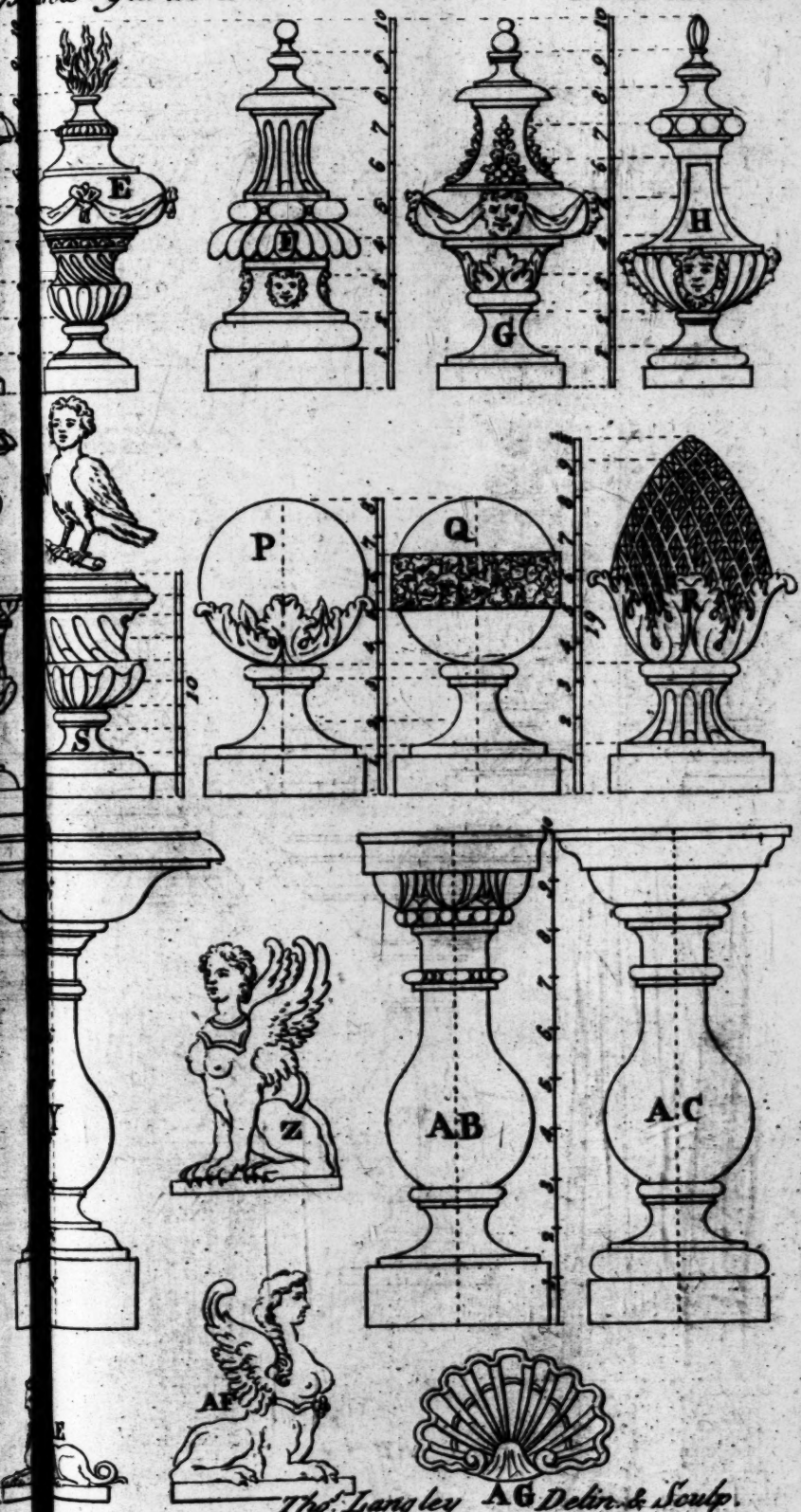
G.R. III.
BRITISH MUSEUM



Batty Langley Invent. 1738.



Thos. Langley Delin. & Sculp.

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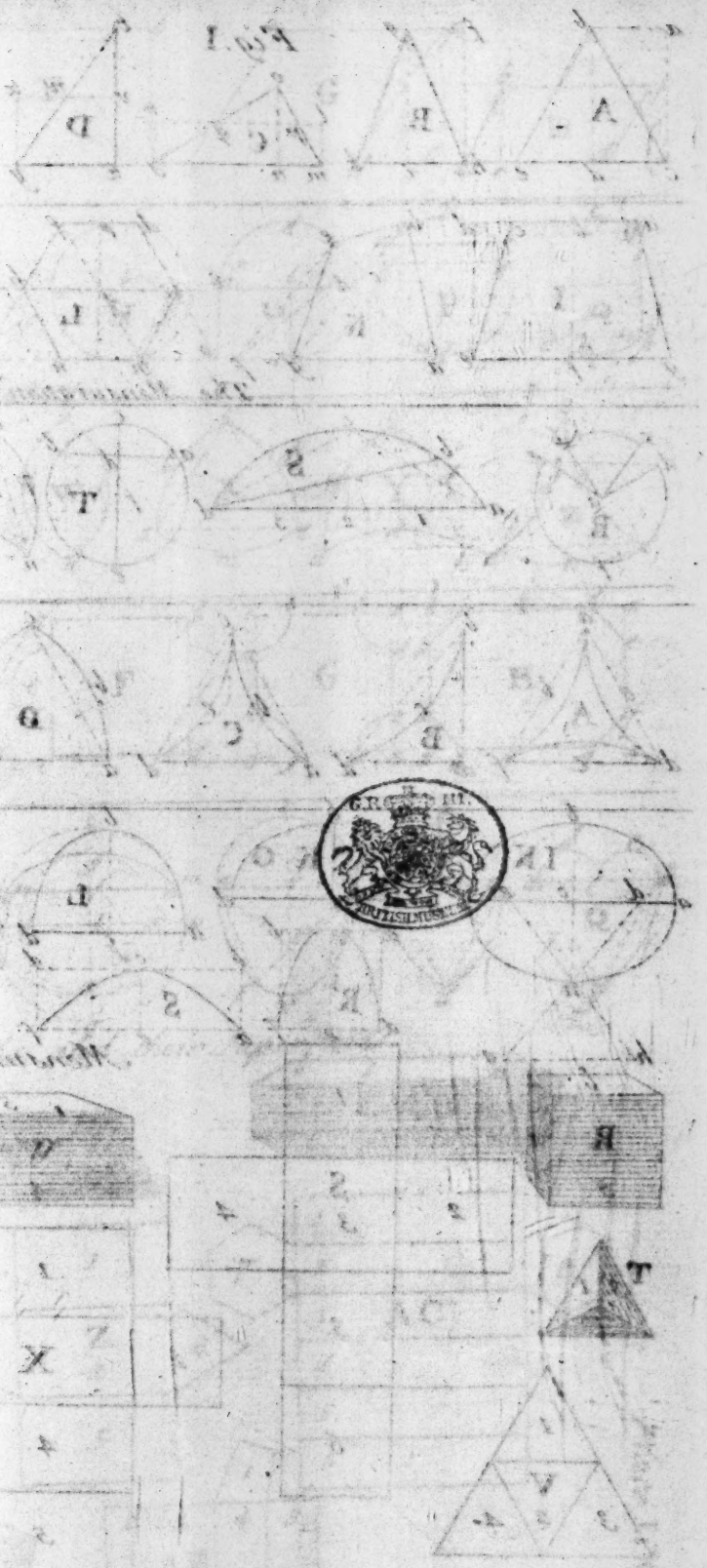
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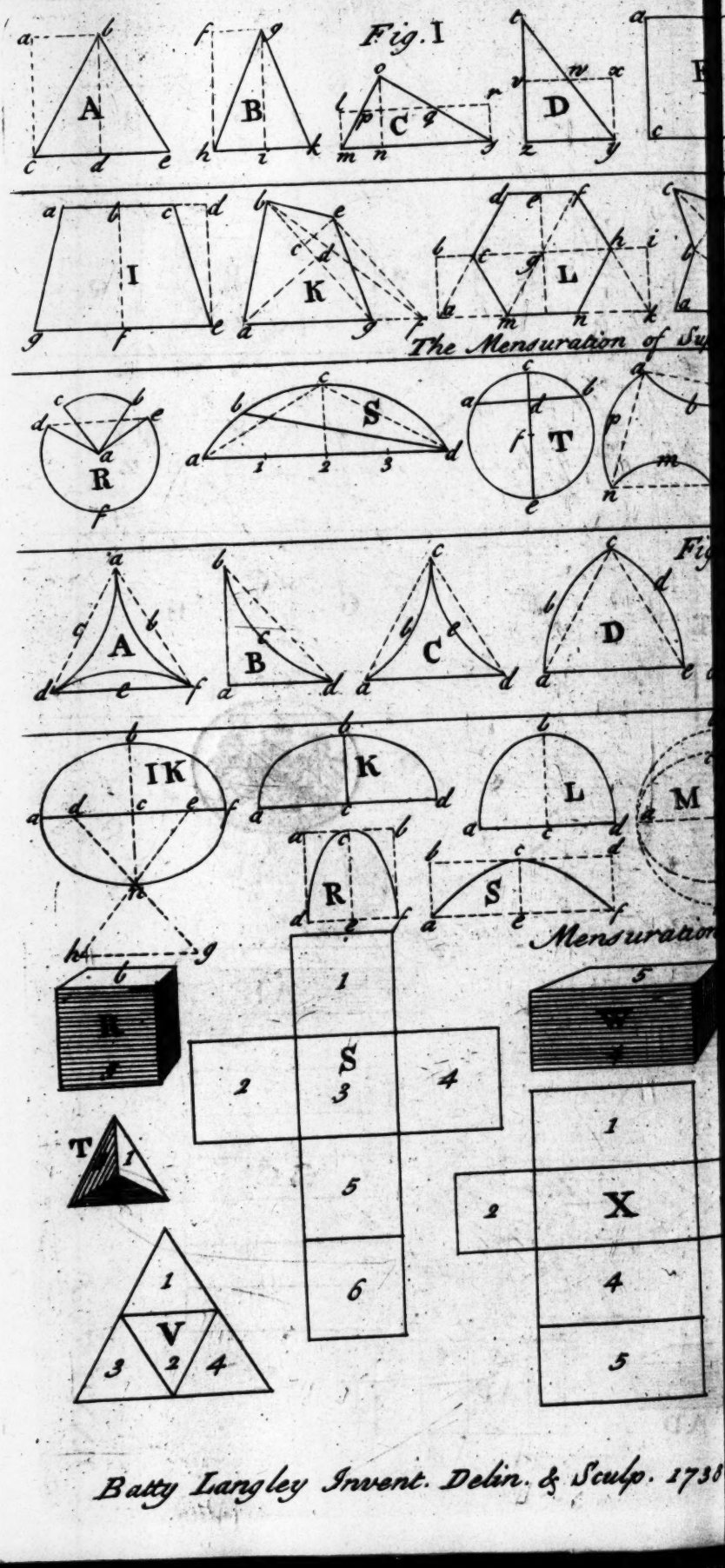
Fig. I
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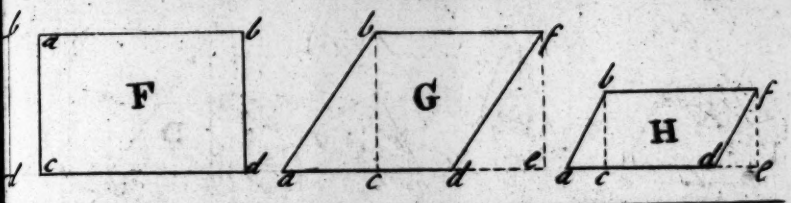
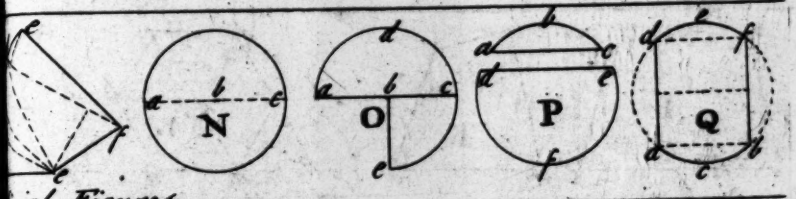
Batty Langley Invent. Delin. & Sculp. 1738





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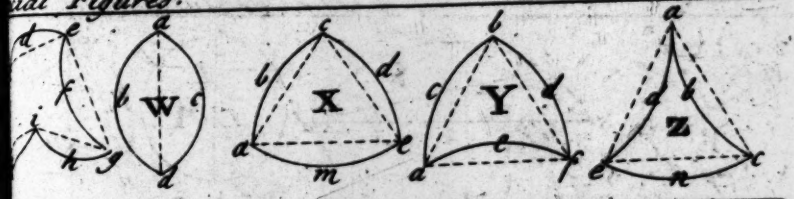

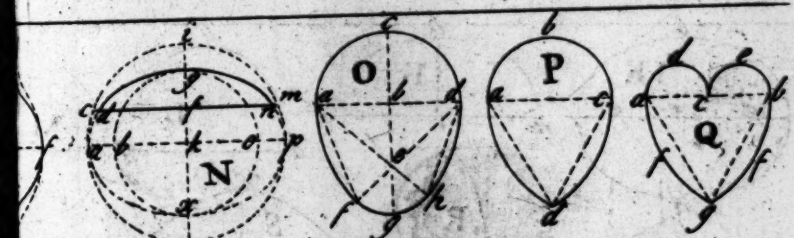

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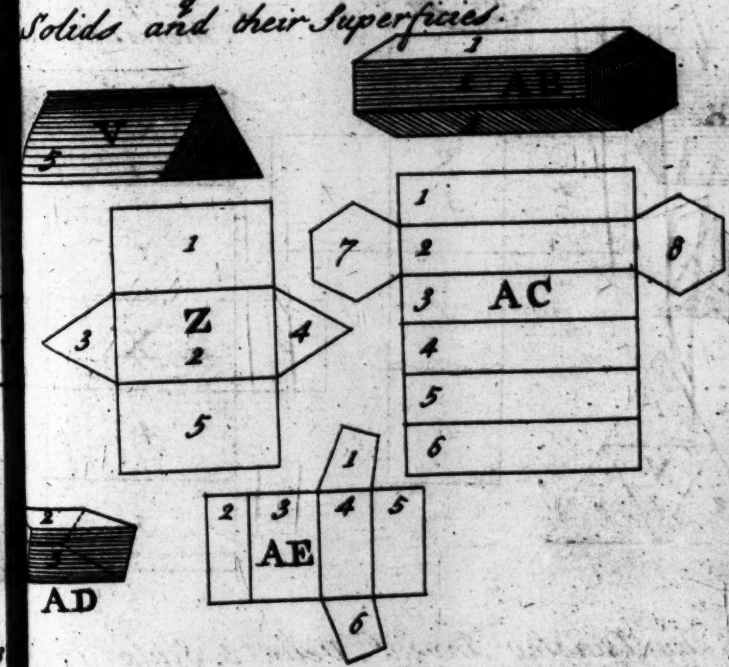
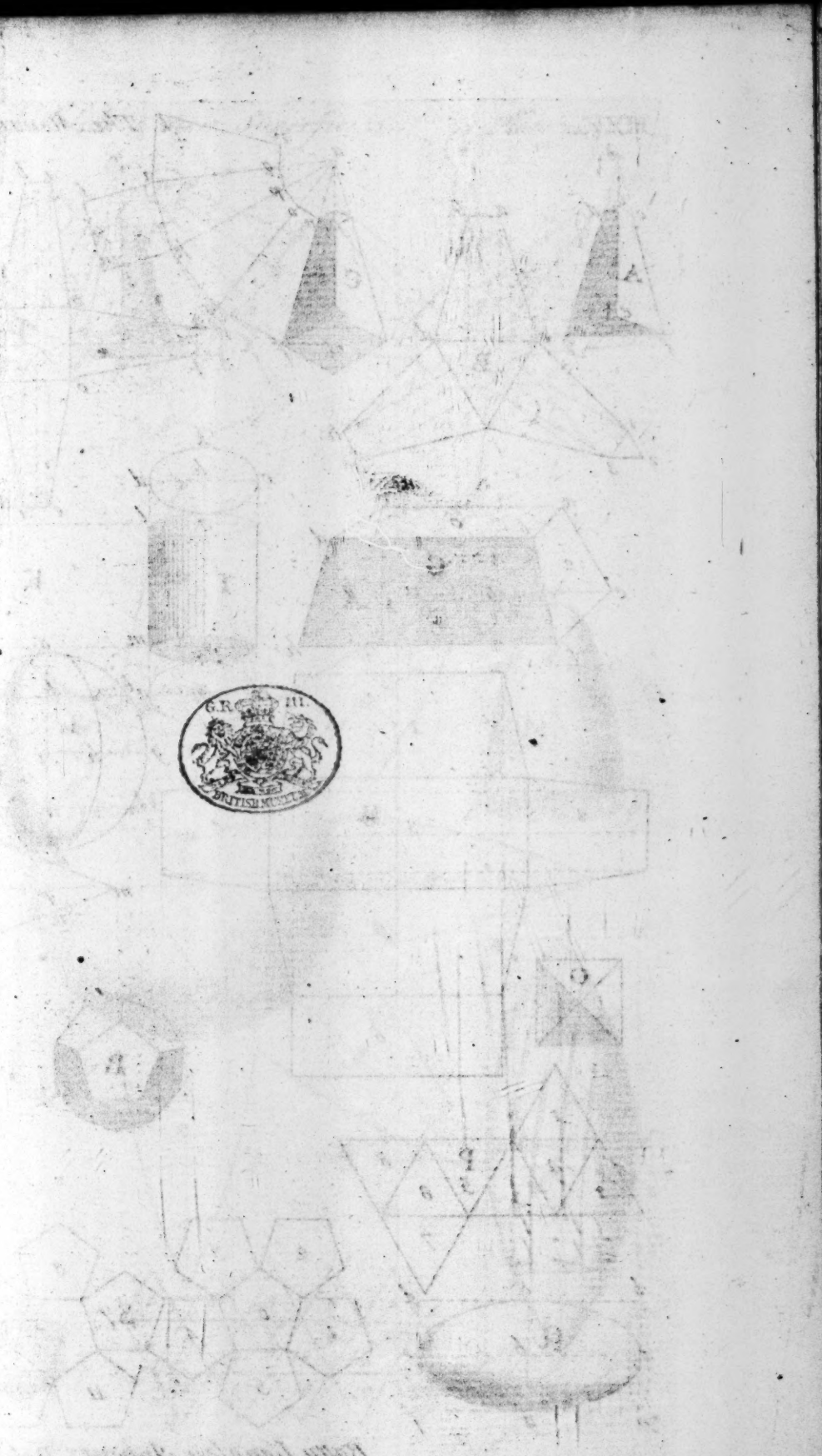


Plate LXXII.


G.R. III.
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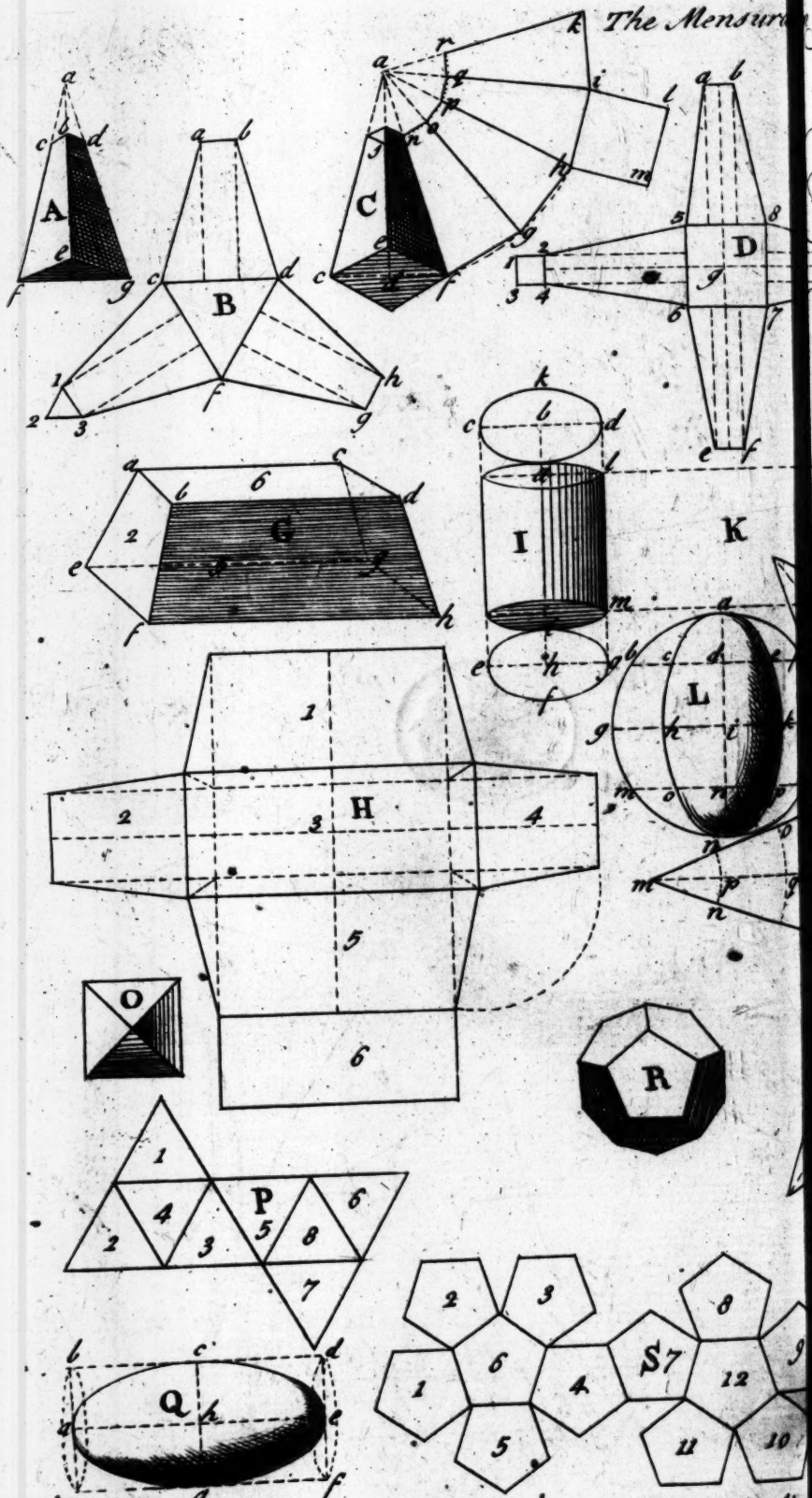

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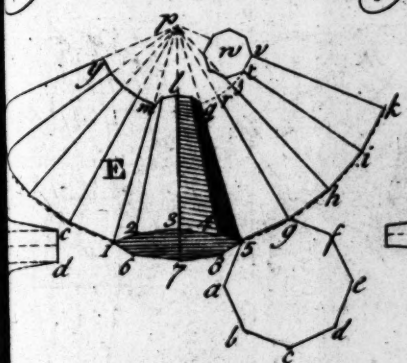
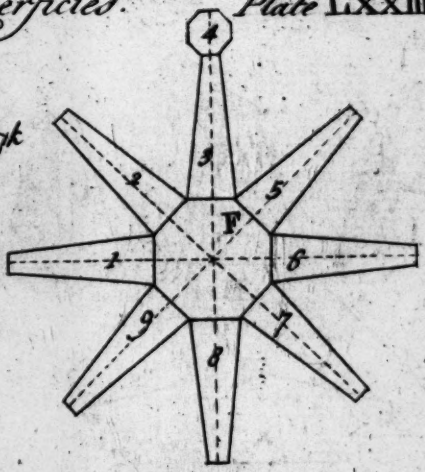
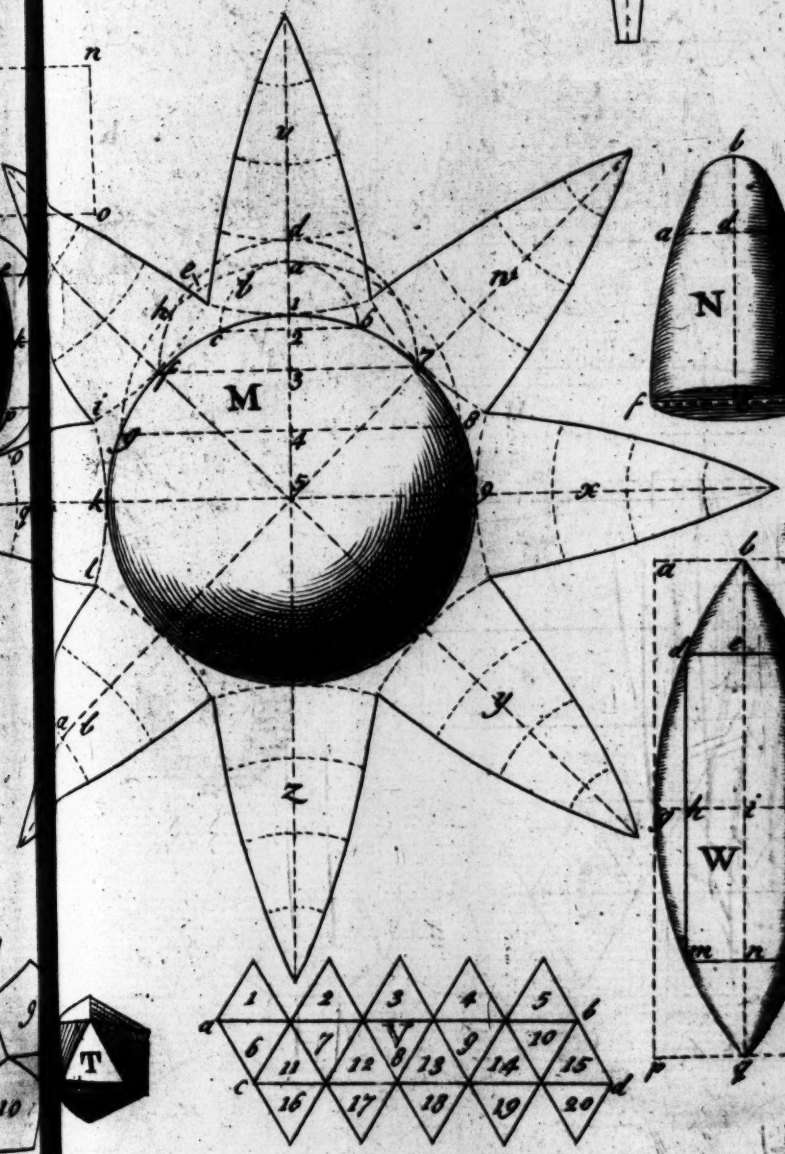
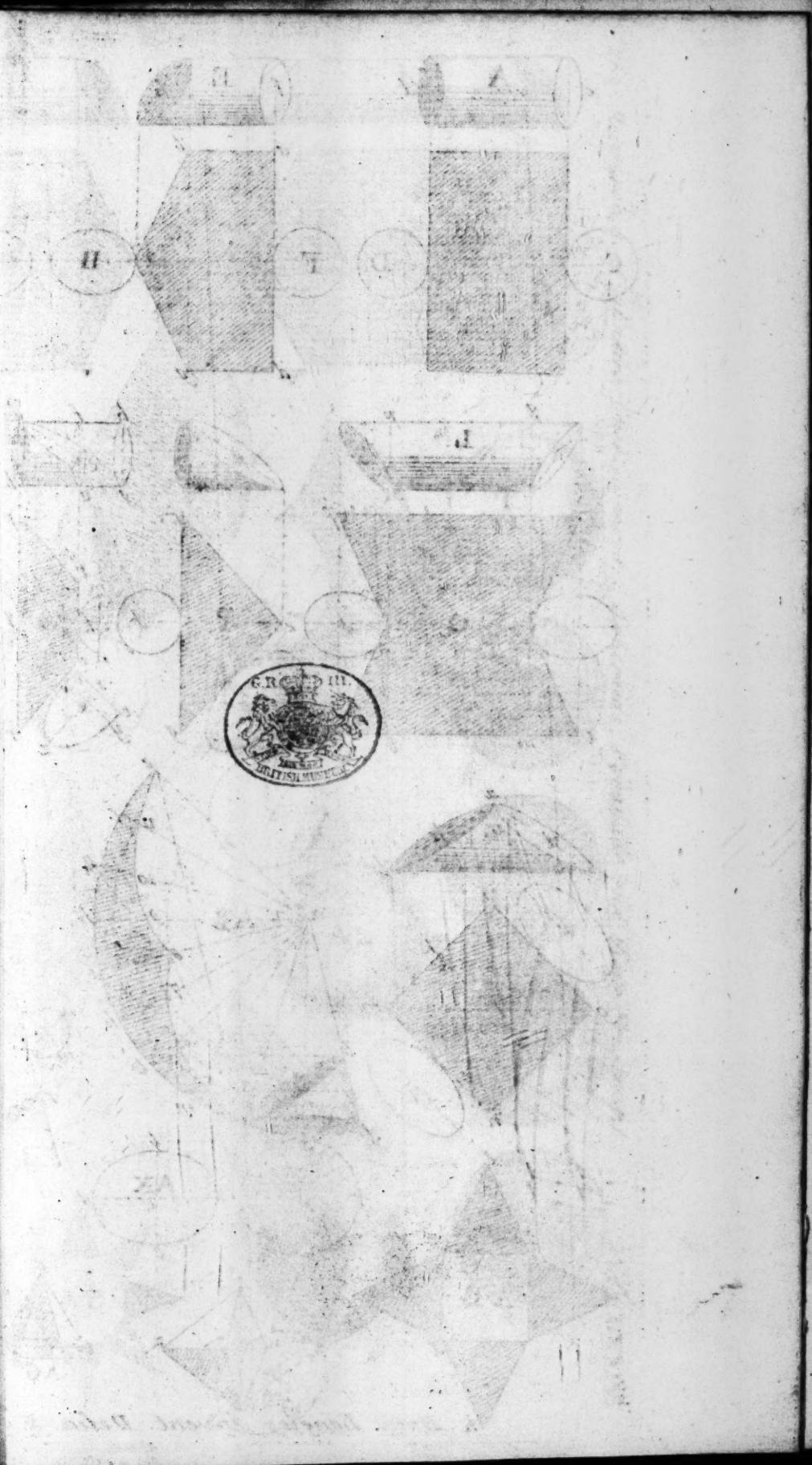






Sculp. 1738.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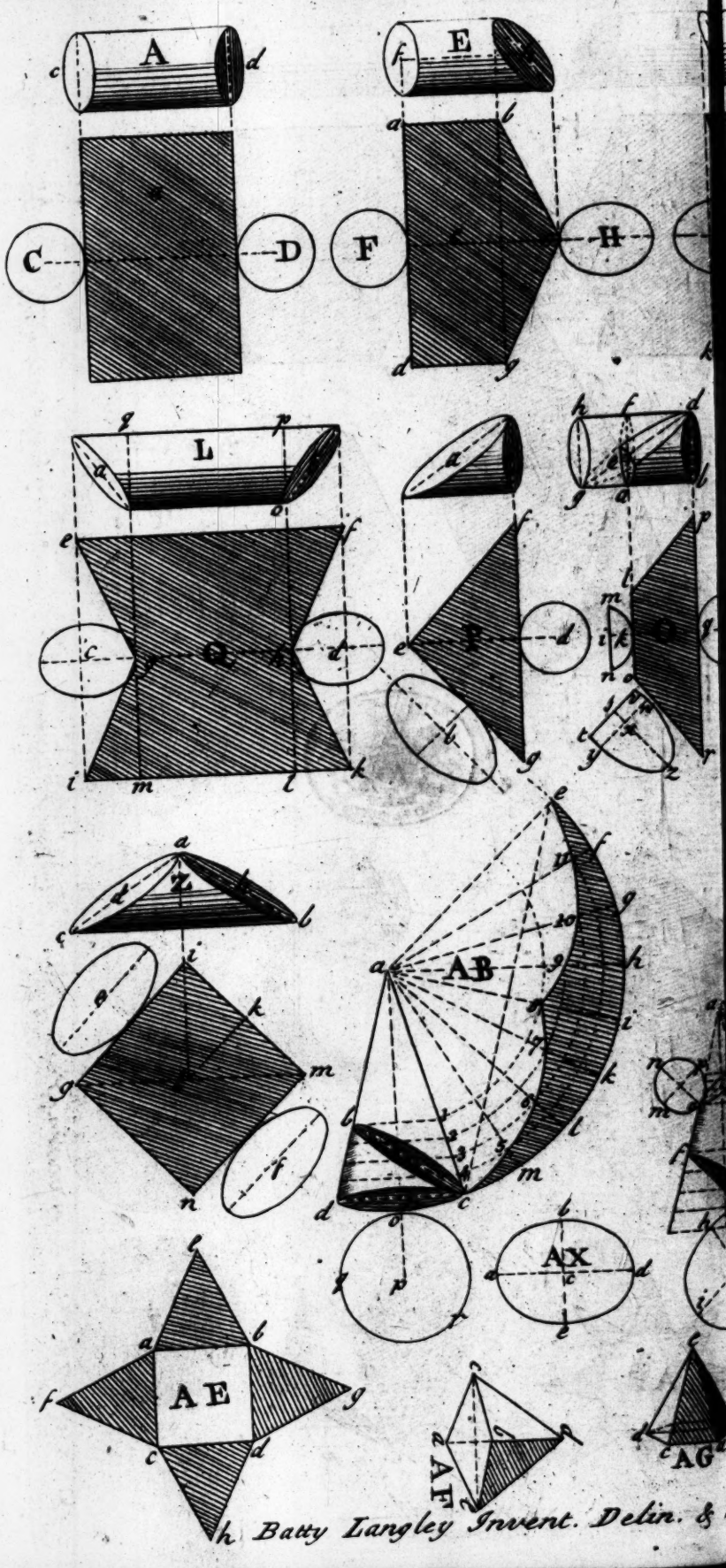
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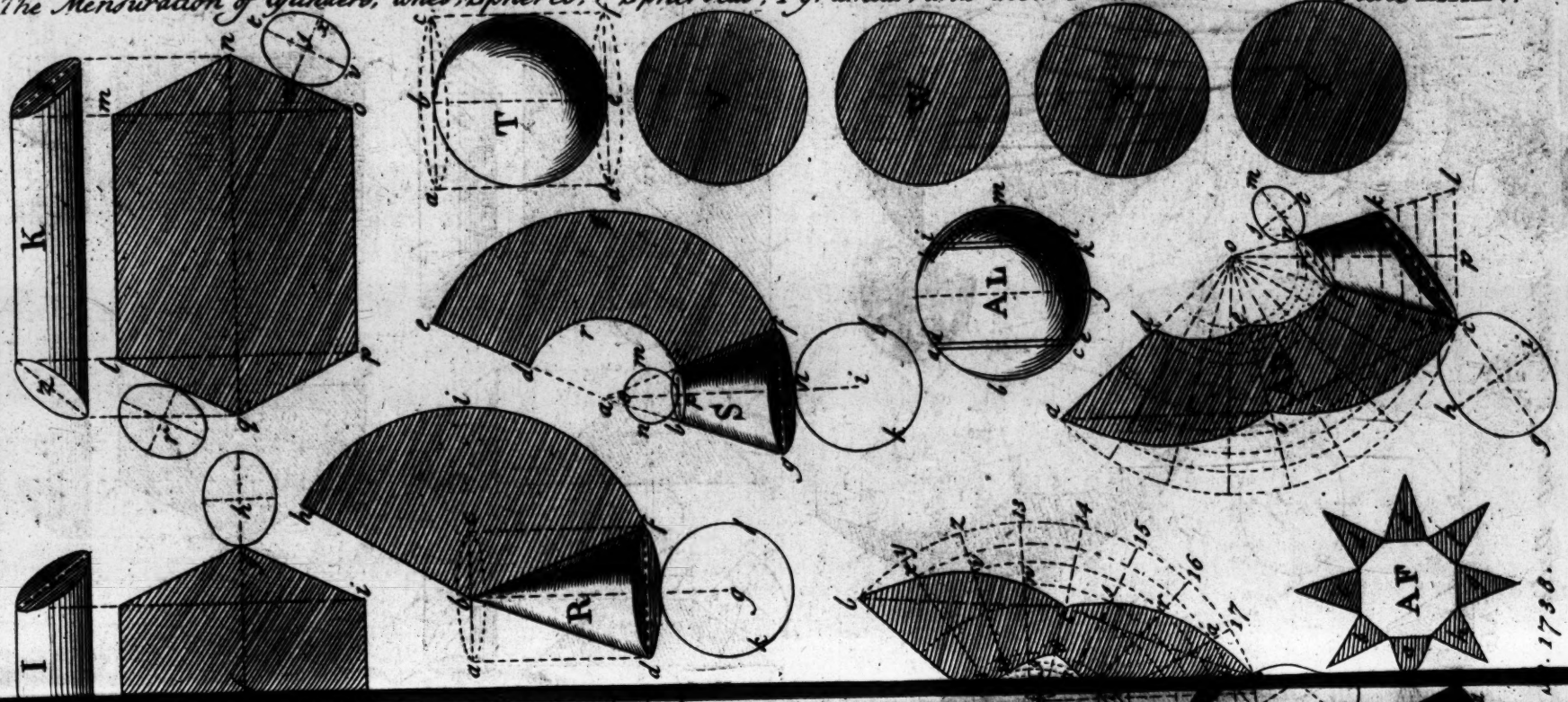
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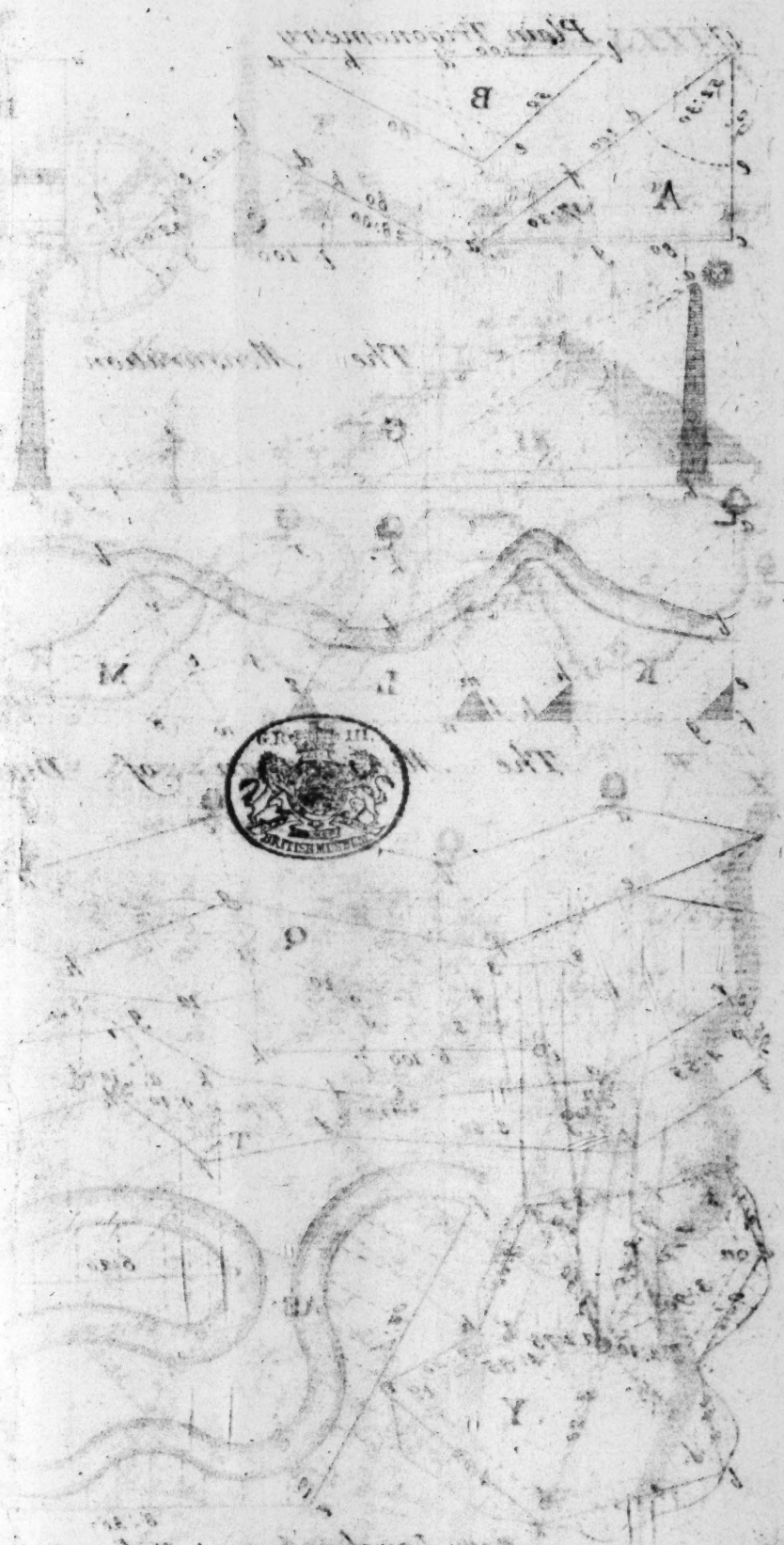

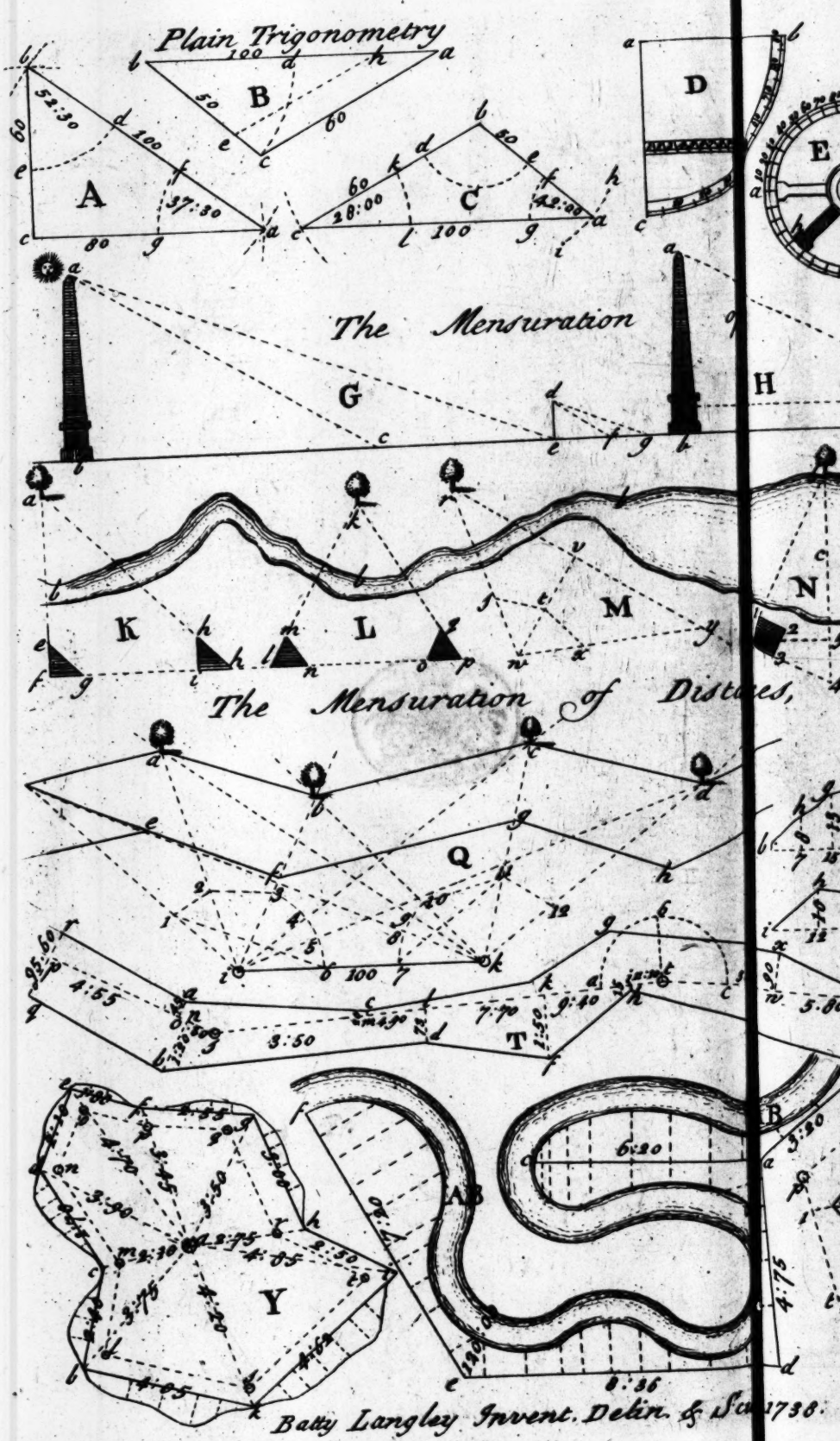
Plain Trigonometry
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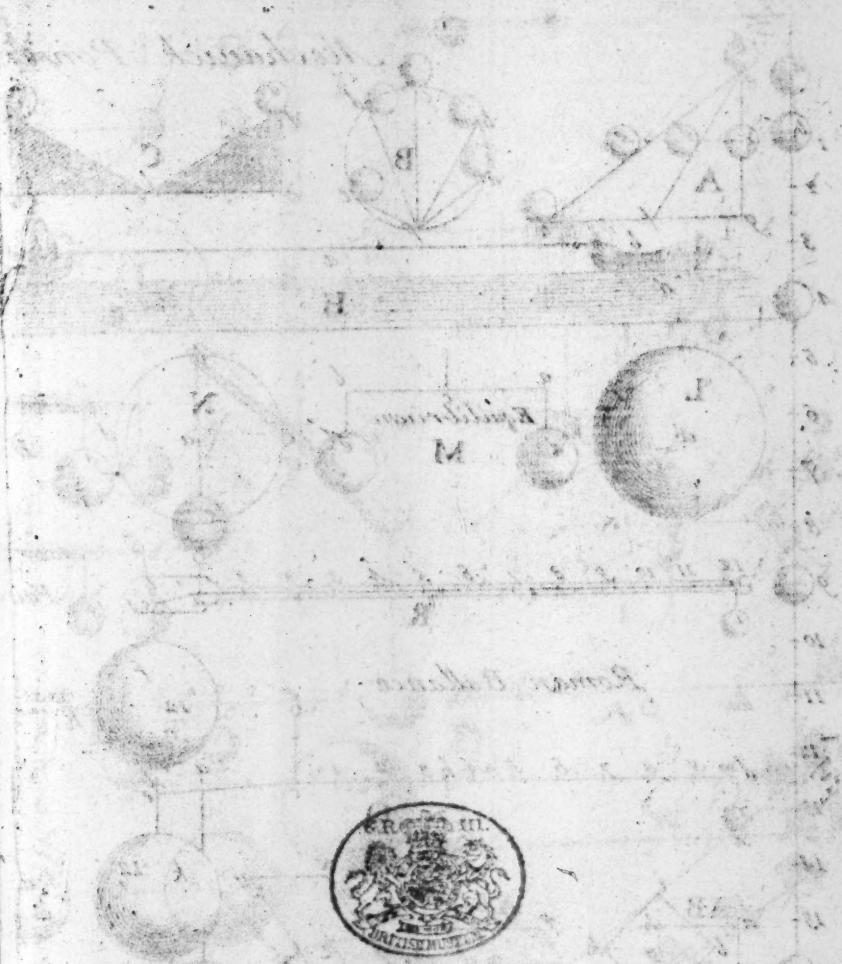
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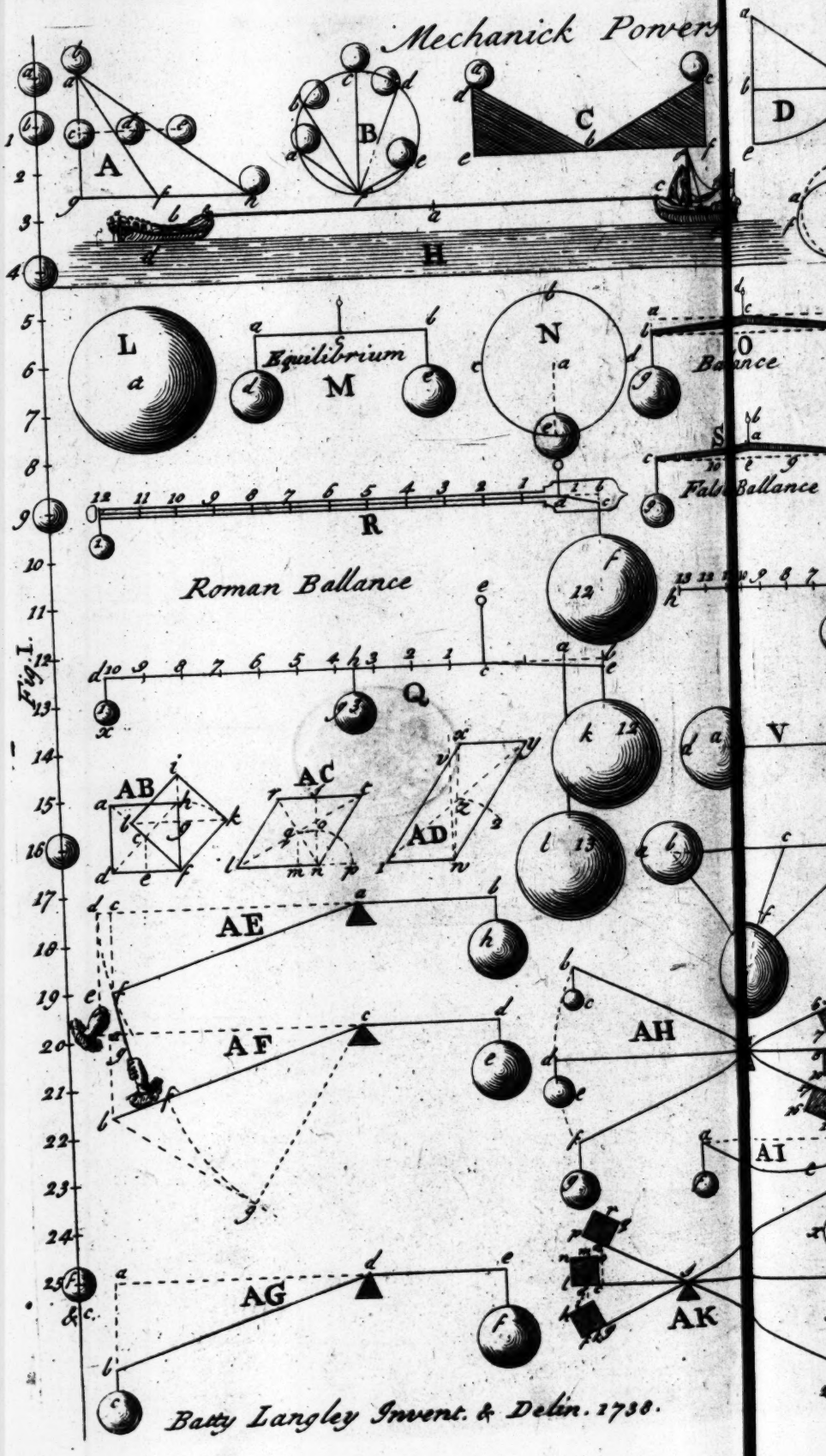
Mechanick Powers
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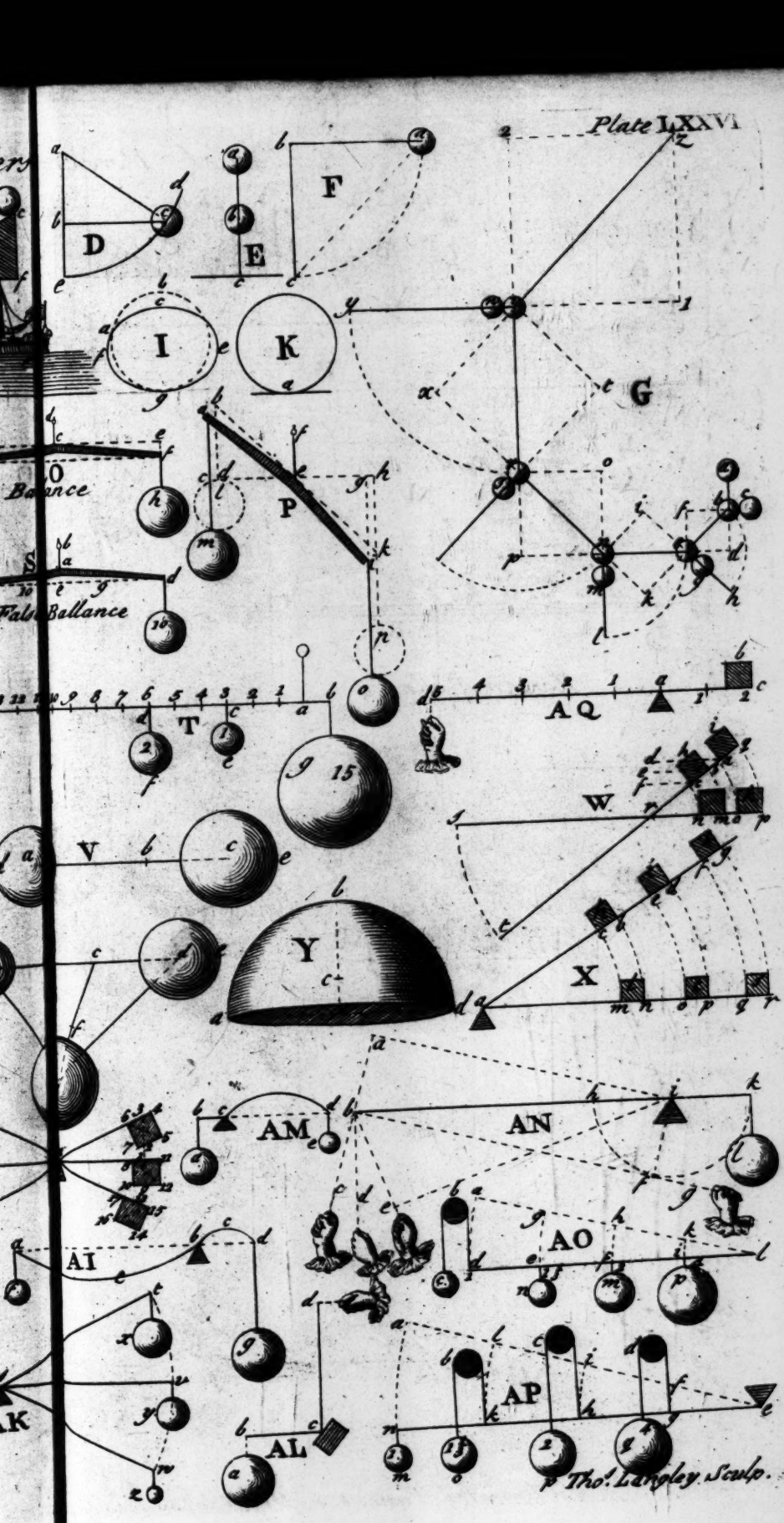
Batty Langley Invent. & Delin. 1730.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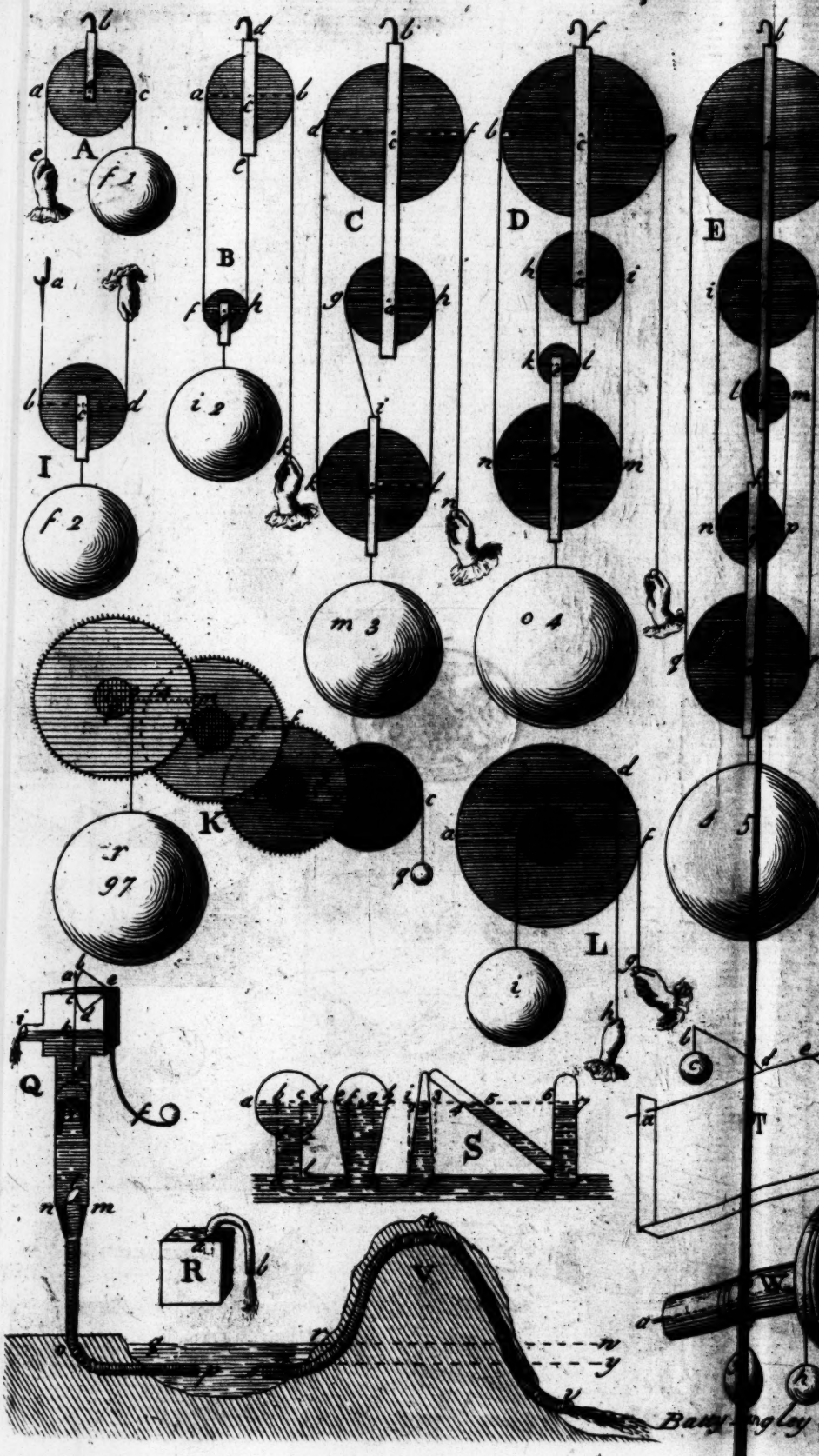
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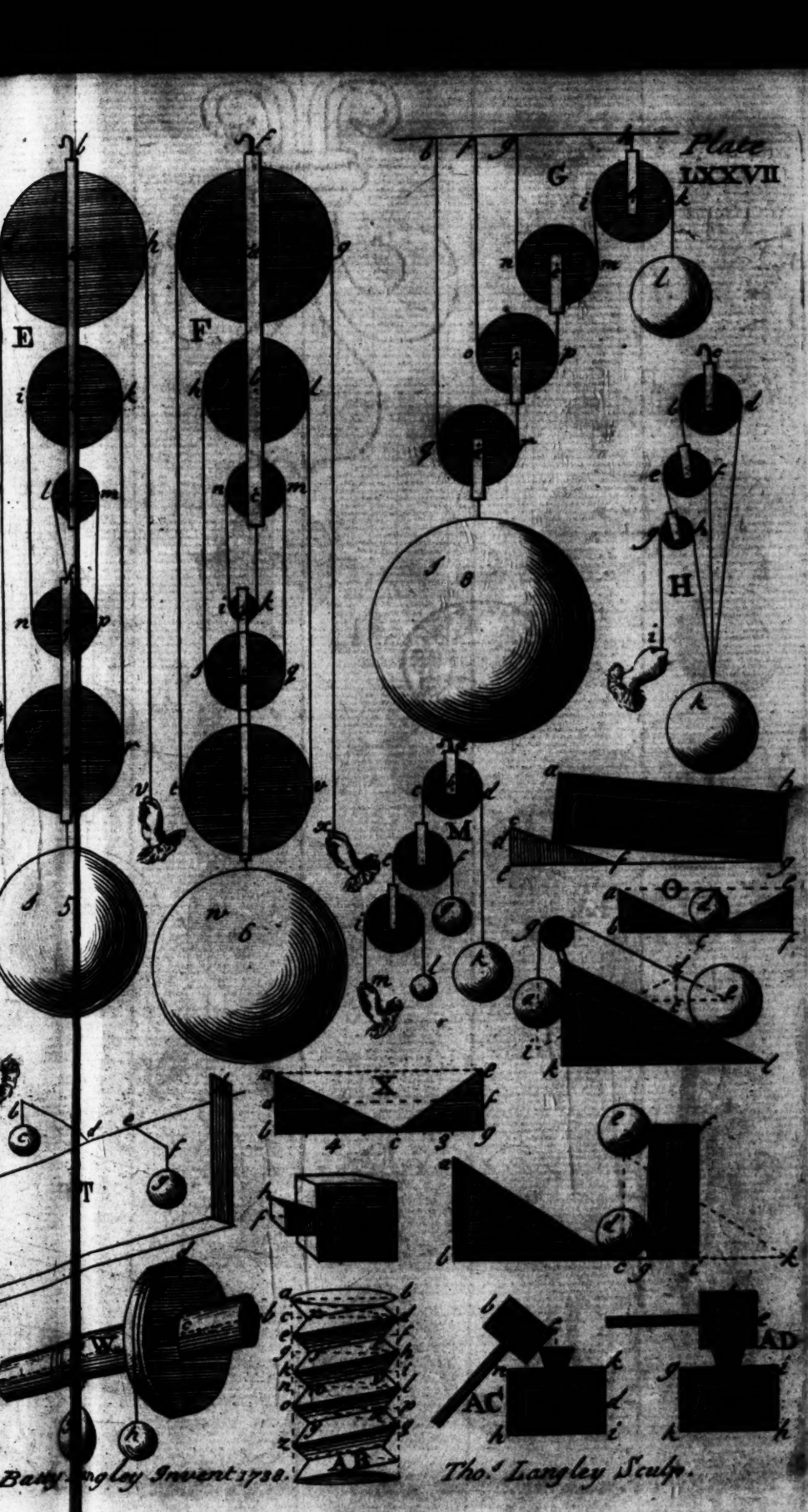
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Tho.s Langley Sculp.

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